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UNIVERSITY OF LONDON, UNIVERSITY COLLEGE.

REPORT OF THE UNIVERSITY COLLEGE COMMITTEE

(February 1913—February 1914),

WITH

FINANCIAL STATEMENTS

(FOR THE SESSION 1912-13),

AND

OTHER DOCUMENTS,

FOR PRESENTATION TO

THE SENATE.

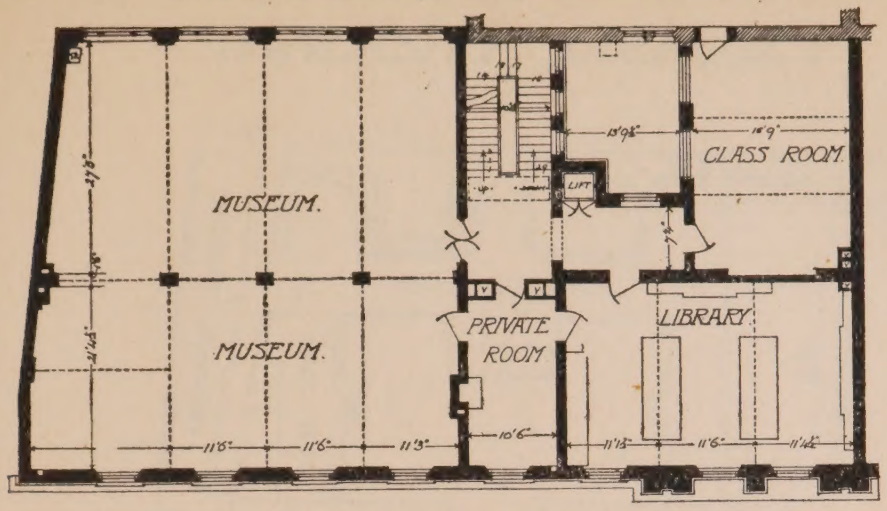
LONDON:

PRINTED BY TAYLOR AND FRANCIS, RED LION COURT, FLEET STREET.

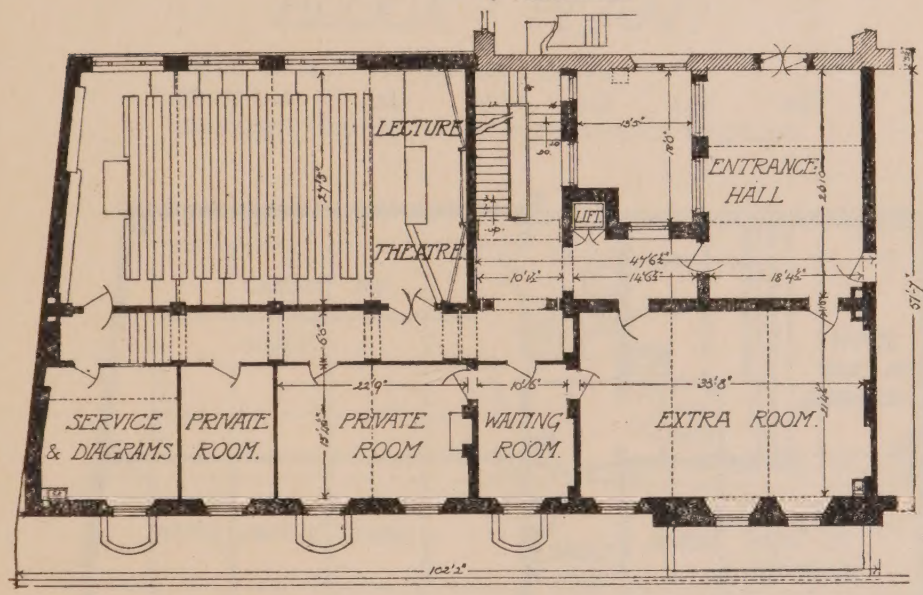
1914.

UNIV: OF LOND: SCHOOL OF ARCHITECTURE.

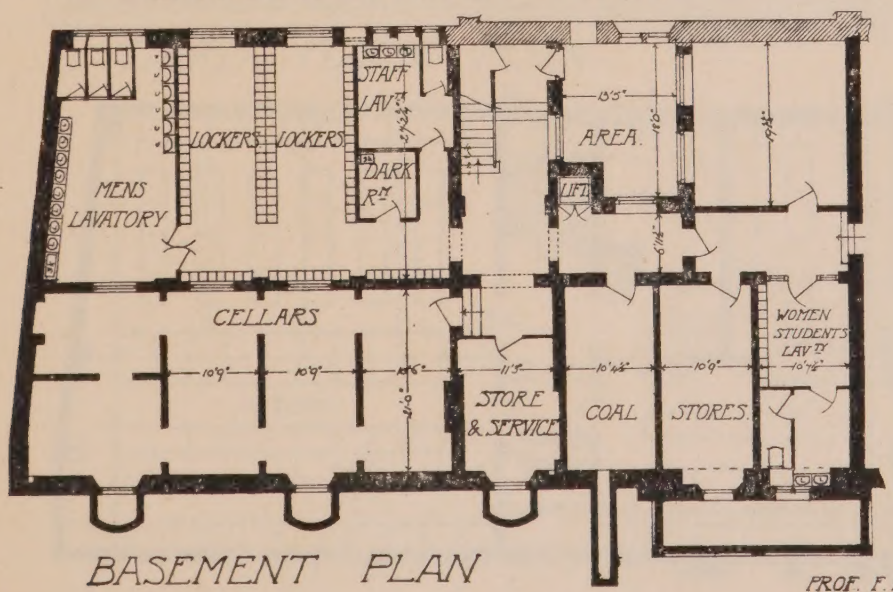
UNIVERSITY COLLEGE.



FIRST FLOOR PLAN



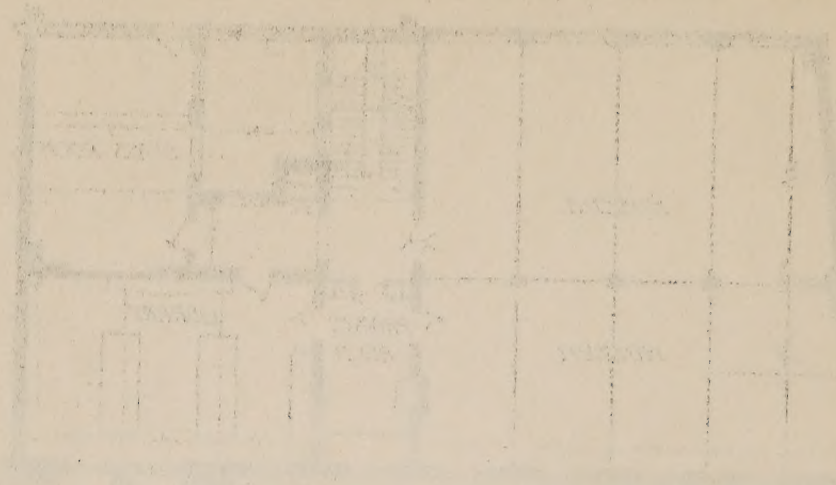
GROUND FLOOR PLAN



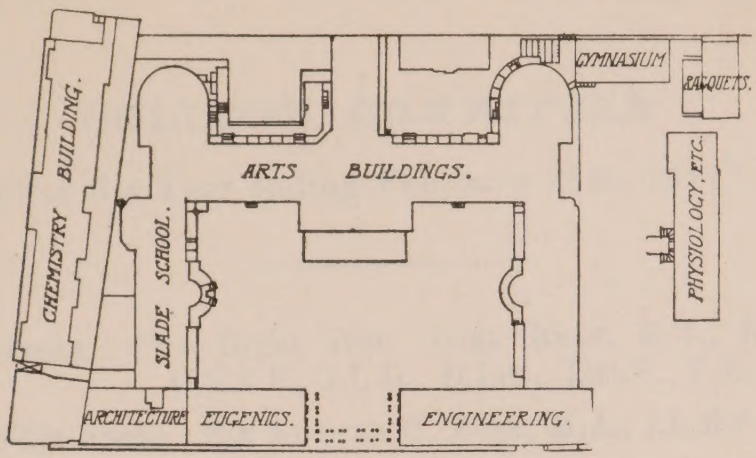
BASEMENT PLAN

SCALE OF 10 5 0 10 20 30 40 50 FEET

PROF. F. M SIMPSON, F.R.I.B.A.
ARCH^T: UNIV: COLL: LOND:
GOWER STREET, W.C.



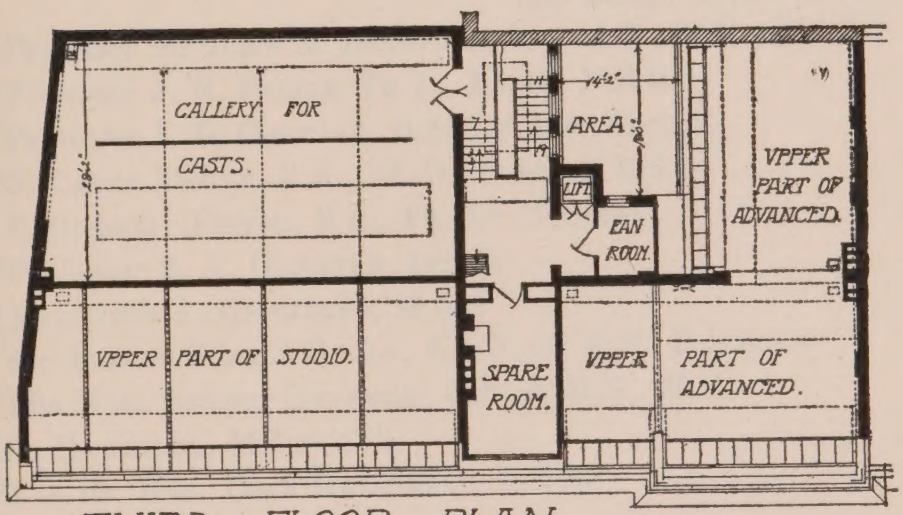
UNIV: OF LOND: SCHOOL OF ARCHITECTURE.
UNIVERSITY COLLEGE.



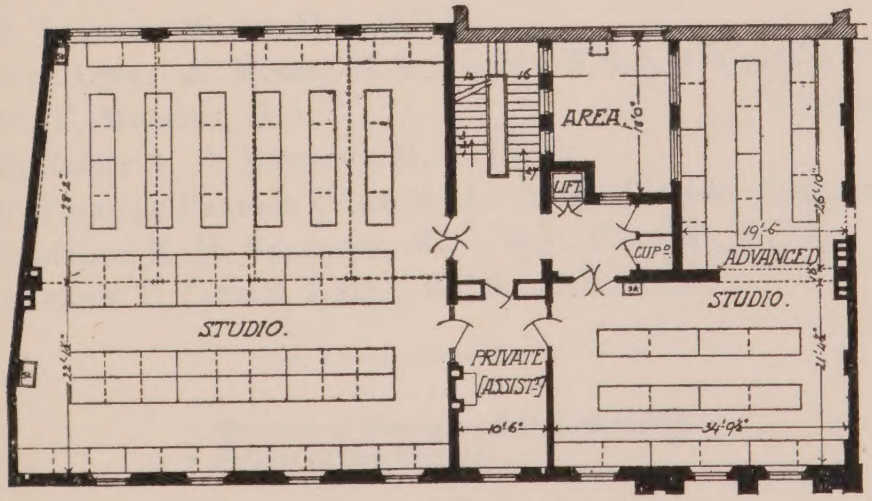
BLOCK PLAN.

SCALE OF FEET FOR BLOCK PLAN.

100 50 0 100 200 300 400 500



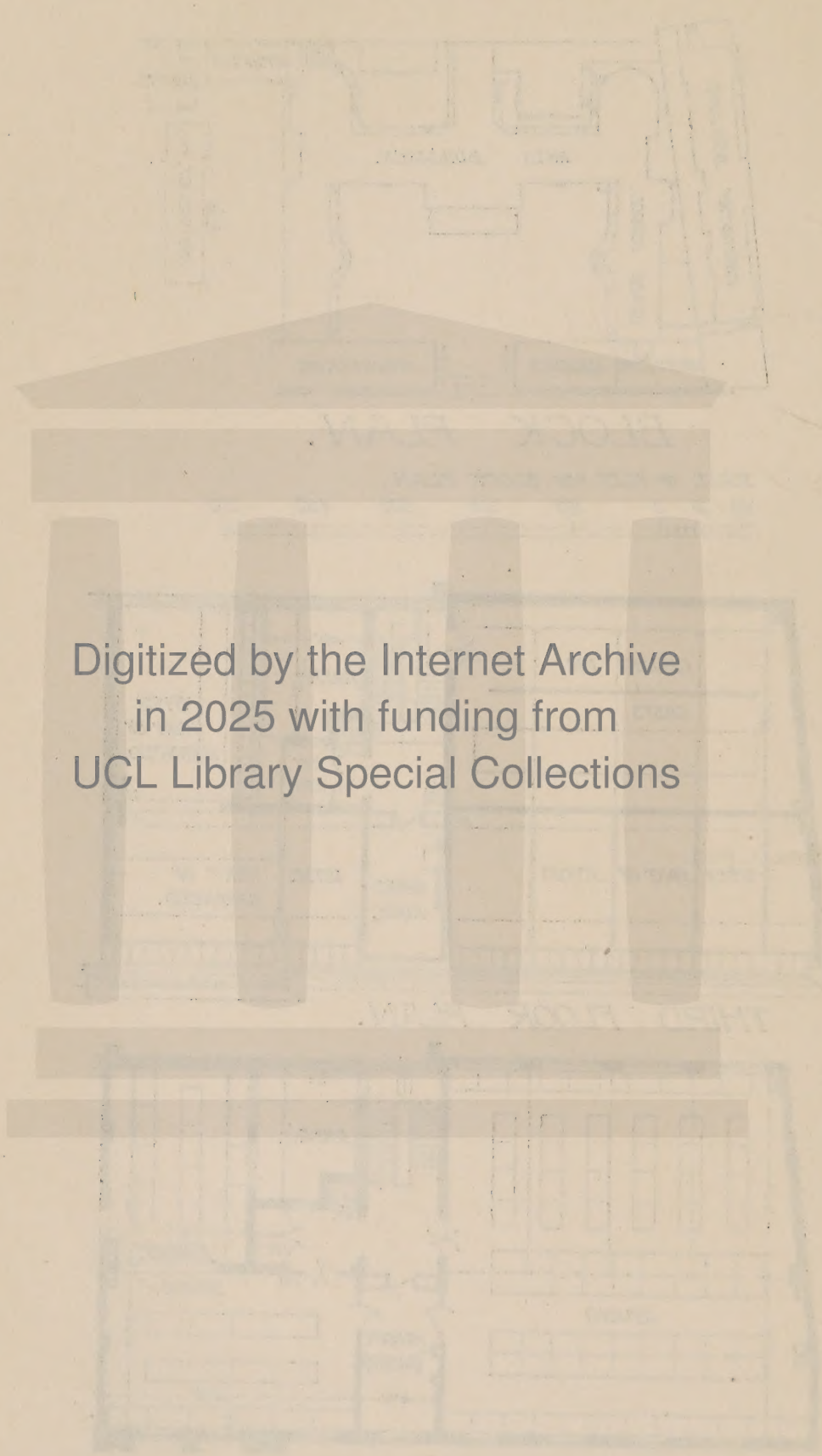
THIRD FLOOR PLAN.



SECOND FLOOR PLAN.

SCALE OF 10 5 0 10 20 30 40 50 FEET

PROF. F. M. SIMPSON, F.R.I.B.A.
ARCH.: UNIV: COLL.: LOND:
GOWER STREET, W.C.



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COLLEGE COMMITTEE

(For the Year ending February 28th, 1914.)

Chairman: The Right Hon. Lord Reay, K.T., G.C.S.I., G.C.I.E., LL.D., D.Litt., Litt.D., F.B.A.

Vice-Chairman: Sir Edward H. Busk, M.A., LL.B.†

Treasurer: *Felix Victor Schuster, B.A.

*Walter Baily, M.A.
*J. Bourne Benson, B.A., LL.D.† (Chairman of the Managing and Budget Sub-Committees).
Professor Sir John R. Bradford, K.C.M.G., M.D., F.R.S.†
*Professor J. N. Collie, Ph.D., LL.D., F.R.S.
*Professor J. D. Cormack, D.Sc., M.Inst.Mech.E.
*G. Carey Foster, B.A., LL.D., D.Sc., F.R.S.†
*T. Gregory Foster, B.A., Ph.D.† (Provost).
*Professor E. A. Gardner, Litt.D.
*Margaret A. Gilliland, M.A.†
Sir Alfred Pearce Gould, K.C.V.O., M.S., F.R.C.S.†
*The Hon. Rupert Guinness, C.B., C.M.G., M.P.
C. Hawksley, M.Inst.C.E.
*The Rt. Hon. Lord Herschell, M.V.O.
H. Keene.
*T. Lambert Mears, M.A., LL.D.
*Sir Henry A. Miers, M.A., D.Sc., F.R.S. (Principal of the University).
*W. E. Mullins, M.A.
*Professor A. F. Murison, M.A., LL.D.
C. Fellows Pearson (Past Master of the Drapers' Company).
Professor E. H. Starling, M.D., B.S., F.R.C.P., F.R.S.
*Andrew T. Taylor, L.C.C., R.C.A., F.R.I.B.A.

---

* Member of Managing Sub-Committee.
† Fellow of the College.

ADMINISTRATIVE OFFICERS.

PROVOST.
T. GREGORY FOSTER, B.A., Ph.D.†

SECRETARY.
WALTER W. SETON, M.A.

Private Secretary to the Provost.—H. Todd Thornbery, B.Sc.
Publications Secretary.—Ronald G. Armstrong, LL.B.

Accountant.—Arthur J. Short.
Cashier.—Alfred E. G. Attoe.
Accounts Assistant.—J. G. H. Howard.

Senior Clerk.—L. R. Beard.
Junior Clerk.—G. A. Williams.
Confidential Clerks—Frances E. Craggs; Ethel L. Burr; Bessie G. Greig; Dorothy B. Handy; Dorothy N. Jones, B.A.

TUTOR TO WOMEN STUDENTS.
Winifred Smith, B.Sc.

AUDITOR.
G. W. Knox, B.Sc., F.C.A.

HONORARY SANITARY ADVISER.
Professor H. R. Kenwood, M.B., D.P.H.

LIBRARY STAFF.
Librarian.—R. W. Chambers, M.A., D.Lit.†
Sub-Librarian.—L. Newcombe.
Assistant Librarian.—R. Offor.
Senior Library Assistant.—W. Bonser.
Junior Library Assistants—J. A. Wilks; A. L. Edwards.
Cataloguing Assistant.—Norah Beale, B.A.

SUPERINTENDENT OF COLLEGE BUILDINGS.
H. Wesley Voysey.

FOREMAN OF COLLEGE BUILDINGS.
W. H. Willsteed.

STEWARD.
May Andrews.

† Fellow of the College.

PROFESSORIAL BOARD.

Chairman.—T. GREGORY FOSTER, B.A., Ph.D.†

	Appointed§
T. W. Arnold, C.I.E., M.A.	1904
L. D. Barnett, M.A., D.Litt.	1906
W. M. Bayliss, M.A., D.Sc., F.R.S.†	1912
Louis M. Brandin, M.A., Ph.D.	1901
Fredk. Brown	1892
Harold E. Butler, M.A.	1911
M. O. B. Caspari, M.A.	1908
C. P. Caspersz	1913
R. W. Chambers, M.A., D.Lit.† [Librarian]	1913
Antonio Cippico, Dr. J.	1912
J. Norman Collie, Ph.D., LL.D., F.R.S.	1902
J. D. Cormack, D.Sc., M.Inst.Meeh.E.	1901
A. R. Cushny, M.A., M.D., F.R.S.	1905
F. G. Donnan, M.A., Ph.D., F.R.S.	1913
W. H. Eccles, D.Sc.	1912
L. N. G. Filon, M.A., D.Sc., F.R.S.†	1912
J. A. Fleming, M.A., D.Sc., F.R.S.†	1885
H. S. Foxwell, M.A., F.B.A.	1881
R. W. Frazer, B.A., LL.B.	1907
E. A. Gardner, Litt.D.	1896
E. J. Garwood, M.A.	1901
Hermann Gollancz, M.A., D.Lit.	1902
Vaughan Harley, M.D., M.R.C.P.	1896
G. Dawes Hicks, M.A., Litt.D., Ph.D.	1904
J. P. Hill, D.Sc., F.R.S.	1906
M. J. M. Hill, M.A., Sc.D., LL.D., F.R.S.†	1884
H. Hirschfeld, Ph.D.	1907
G. H. J. Hurst, M.A., LL.M.	1908
H. R. Kenwood, M.B., D.P.H.	1904
W. P. Ker, M.A., LL.D., Litt.D., F.B.A.	1889
R. W. Lee, M.A., B.C.L.	1906

† Fellow of the College.

§ The dates given in the case of Professors are those in which they were appointed to their respective Chairs; in the case of others, the dates are those in which they were appointed members of the Professorial Board.

	Appointed§
L. W. Lyde, M.A.	1903
Sir John Macdonell, C.B., M.A., LL.D.	1901
F. C. Montague, M.A.†	1893
P. T. Mantoux, D. ès Lettres	1913
J. H. Morgan, M.A.	1908
A. F. Murison, M.A., LL.D.	1883
J. W. Neill	1896
F. W. Oliver, M.A., D.Sc., F.R.S.†	1890
Karl Pearson, M.A., LL.D., F.R.S.	1884
W. M. Flinders Petrie, D.C.L., LL.D., F.R.S.	1892
T. G. Pinches, LL.D.	1907
J. Arthur Platt, M.A.	1894
R. H. Plimmer, D.Sc.†	1913
A. F. Pollard, M.A., Litt.D.	1903
A. W. Porter, B.Sc., F.R.S.†	1912
R. Priebsch, Ph.D.	1898
J. G. Robertson, M.A., B.Sc., Ph.D.	1903
G. Rudler, D. ès Lettres	1913
F. M. Simpson, F.R.I.B.A.	1903
R. Elsey Smith, F.R.I.B.A.	1913
C. Spearman, Ph.D.	1911
E. H. Starling, M.D., F.R.C.P., F.R.S.	1899
C. D. Steel, B.A.	1913
G. D. Thane, LL.D., Sc.D., F.R.C.S.	1877
F. W. Thomas, M.A., Ph.D.	1913
F. T. Trouton, M.A., Sc.D., F.R.S.	1902
A. N. Whitehead, Sc.D., F.R.S.	1912
C. E. Wilson, B.A.	1902
A. Wolf, M.A., D.Lit.†	1911

BOARD OF INDIAN STUDIES.

The Rt. Hon. Lord Reay, K.T., G.C.S.I., G.C.I.E., LL.D., D.Litt., Litt.D., F.B.A. (Chairman).
The Provost.
The Rt. Hon. Lord Herschell, M.V.O.
Professor J. W. Neill (Censor of the Indian School).
Professor T. W. Arnold, C.I.E., M.A.
Professor L. D. Barnett, M.A., D.Litt.

† Fellow of the College.

§ The dates given in the case of Professors are those in which they were appointed to their respective Chairs; in the case of others, the dates are those in which they were appointed members of the Professorial Board.

DEPARTMENTS AND STAFF.

(*February* 1914.)

[The names of Members of the respective Faculties are printed in SMALL CAPITALS.]

Faculty of Arts.

Dean.—Professor H. E. BUTLER.
Vice-Dean.—Professor J. A. PLATT.
Sub-Dean.—L. SOLOMON.

Subject.	*Name.*	*Status.*
Æsthetics	(Vacant)	Lecturer.
Arabic	T. W. ARNOLD, C.I.E., M.A.	Professor.
Archæology	E. A. GARDNER, Litt.D.	Yates Professor.
Architecture	F. M. SIMPSON, F.R.I.B.A.	Professor and Director of the School.
	R. ELSEY SMITH, F.R.I.B.A.	Professor.
	J. J. Burnet, A.R.S.A., LL.D., F.R.I.B.A.	Special Visitor for Academic Design Class.
	Leonard Stokes, F.R.I.B.A. Edward Warren, F.S.A., F.R.I.B.A.	Special Visitors for Evening Design Class.
	LESLIE WILKINSON, A.R.I.B.A.	Assistant Professor.
	Arthur Stratton, F.R.I.B.A., F.S.A.	Lecturer.
Assyriology	T. G. Pinches, LL.D.	Lecturer.
Bengali	C. P. Caspersz	Lecturer.
Burmese	A. L. Hough	Reader.
Economic Geography	L. W. LYDE M.A.	Professor.
	Laura Parnell	Hon. Demonstrator.
Egyptology and Coptic	W. M. FLINDERS PETRIE, D.C.L., LL.D., F.R.S., F.B.A.	Edwards Professor.
	J. H. Walker, M.A.	Assistant.
	Margaret A. Murray	Assistant.
English	W. P. KER, M.A., LL.D., F.B.A.	Quain Professor.
	R. W. CHAMBERS, M.A., D.Lit.†	Assistant Professor.
	T. GREGORY FOSTER, B.A., Ph.D.†	Lecturer.
	J. H. G. GRATTAN, B.A.	Assistant.
	A. C. Wood, M.A.†	Quain Student.

† Fellow of the College.

Subject.	*Name.*	*Status*
Fine Arts	Fredk. Brown	Slade Professor.
	H. Tonks	Assistant Professor.
	Havard Thomas	Teacher of Sculpture.
	W. Russell	Assistant.
	P. W. Steer	Assistant Teacher.
	D. Lees	Assistant.
	Ambrose McEvoy	Assistant.
	Tancred Borenius, Ph.D.	Lecturer.
	G. Thomson	Lecturer.
French	Louis M. Brandin, M.A., Ph.D.	Fielden Professor.
	G. Rudler, D. ès Lettres	Professor.
	P. V. Thomas, M.A.	Assistant.
German	R. Priebsch, Ph.D.	Professor.
	J. G. Robertson, M.A., B.Sc., Ph.D.	Professor.
	J. Steppat, B.A., Ph.D.	Reader.
	W. Perrett, Ph.D.	Reader.
	A. G. Haltenhoff	Assistant.
Greek	J. Arthur Platt, M.A.	Professor.
	L. Solomon, M.A.	Assistant.
Gujárati	S. A. Kapadia, M.D.	Reader.
Hebrew	Hermann Gollancz, M.A., D.Lit.	Goldsmid Professor.
Hindi / Hindustani	C. D. Steel, B.A.	Lecturer.
History; Mediæval & Modern	F. C. Montague, M.A.†	Astor Professor.
„ ; English	A. F. Pollard, M.A., Litt.D.	Professor.
	Rachel R. Reid, M.A., D.Lit.†	Assistant.
„ ; Modern French.	P. T. Mantoux, D. ès Lettres	Professor.
	E. A. Fulton, M.A.	Assistant.
„ ; Ancient	M. O. B. Caspari, M.A.	Reader.
	N. H. Baynes, M.A.	Assistant.
History of India	J. W. Neill	Lecturer.
Italian	Antonio Cippico, Dr. J.	Lecturer.
„ (Dante)	Edmund G. Gardner, M.A.	Barlow Lecturer.
Latin	H. E. Butler, M.A.	Professor.
	L. Solomon, M.A.	Assistant.
Marathi	J. W. Neill	Reader.
Mathematics (Applied) and Mechanics.	L. N. G. Filon, M.A., D.Sc., F.R.S.†	Goldsmid Professor.
	M. T. M. Ormsby, M.Inst. C.E.I.	Assistant.
	G. B. Jeffery, B.Sc.	Assistant.
	L. L. Benké, B.Sc.	Assistant.
Mathematics (Pure)	M. J. M. Hill, M.A., Sc.D., LL.D., F.R.S.†	Astor Professor.
	A. N. Whitehead, Sc.D., F.R.S.	Reader (Geometry).
	H. J. Harris, B.A.	Assistant.

† Fellow of the College.

Subject.	*Name.*	*Status.*
Mathematics (Pure, *contd.*)	J. H. Dibb, M.A., B.Sc. ..	Assistant.
	F. Jackson, M.A., B.Sc. ..	Assistant.
	R. G. Lunnon, M.A., B.Sc.	Assistant.
Military Science	Capt. G. P. A. Phillips ..	Lecturer.
Pali and Buddhist Literature.	Mabel H. Bode, Ph.D.	Lecturer.
Persian	C. E. Wilson, B.A.	Professor.
Philology; Comparative.	F. W. Thomas, M.A., Ph.D.	Lecturer.
„ ; Germanic ..	R. Priebsch, Ph.D.	Professor.
„ ; Romance ..	Louis M. Brandin, M.A., Ph.D.	Professor.
Philosophy and Psychology.	G. Dawes Hicks, M.A., Litt.D., Ph.D.	Professor (Philosophy).
	C. Spearman, Ph.D.	Grote Professor (Mind and Logic).
	A. Wolf, D.Lit.Lond., M.A.Camb.†	Reader (Logic and Ethics).
	J. Flügel, B.A.	Assistant (Psychology).
	W. Lankes	Assistant.
	M. Ginsberg, B.A.....	John Stuart Mill Scholar.
	Carveth Read, M.A.....	Lecturer.
	F. Aveling, Ph.D., D.D., D.Sc.	Lecturer.
Phonetics	D. Jones, M.A.	Lecturer.
	G. Noel-Armfield	Assistant.
	Stephen Jones, B.Sc.	Assistant.
Political Economy.....	H. S. Foxwell, M.A., F.B.A.	Professor.
	A. W. Flux, M.A., F.S.S. .	Newmarch Lecturer.
Sanskrit	L. D. Barnett, D.Litt. ..	Professor.
	J. Allan, M.A.	Assistant.
Semitic (North) Epigraphy.	H. Hirschfeld, Ph.D.	Lecturer.
Tamil and Telugu	R. W. Frazer, B.A., LL.B.	Reader.
Tibetan	F. W. Thomas, M.A., Ph.D.	Reader.

Faculty of Laws.

Dean.—Professor A. F. Murison.
Vice-Dean.—Professor J. W. Neill.

Comparative Law	Sir John Macdonell, C.B., M.A., LL.D.	Quain Professor.
Constitutional Law	J. H. Morgan, M.A.	Acting-Professor.
English History.....	A. F. Pollard, M.A., Litt.D.	Professor.
English Law	G. H. J. Hurst, M.A.	Reader.
Indian Law	J. W. Neill	Professor.
Jurisprudence.....	A. F. Murison, M.A., LL.D.	Professor.
Roman Dutch Law	R. W. Lee, M.A., B.C.L...	Professor.
Roman Law	A. F. Murison. M.A., LL.D.	Professor.

† Fellow of the College.

Faculty of Science.

Dean.—Professor J. P. Hill.
Vice-Dean.—Professor F. W. Oliver.
Sub-Dean.—H. J. Harris.

Subject.	*Name.*	*Status.*
Botany	F. W. Oliver, M.A., D.Sc., F.R.S.†	Quain Professor.
	T. G. Hill, A.R.C.S.	Reader (Plant Physiology).
	E. M. Cutting, M.A.	Assistant.
	C. M. Green, B.Sc.	Assistant.
	Winifred Smith, B.Sc.....	Lecturer.
	Marie Stopes, D.Sc., Ph.D.	Lecturer.
	Ethel N. Thomas, B.Sc. ..	Lecturer.
	Sarah M. Baker, D.Sc.	Quain Student.
Chemistry	J. Norman Collie, LL.D., Ph.D., F.R.S.	Professor (Organic) and Director of Laboratories.
	F. G. Donnan, M.A., Ph.D., F.R.S.	Professor (Inorganic and Physical).
	R. Whytlaw-Gray, Ph.D.†	Assistant Professor.
	Samuel Smiles, D.Sc.† ..	Assistant Professor.
	Katherine A. Burke, B.Sc.	Assistant.
	W. B. Tuck, D.Sc.	Assistant.
	Irvine Masson, M.Sc.	Assistant.
	R. E. Slade, D.Sc.	Assistant.
	C. G. Hutchison, B.Sc. ..	Demonstrator.
	G. N. White	Demonstrator.
	Y. Heyrovsky	Demonstrator.
	V. Lefebure, B.Sc.	Demonstrator.
	H. F. Doidge.....	Demonstrator.
	F. Reynolds	Demonstrator.
	H. V. Tattersall, B.Sc.....	Demonstrator.
	W. W. Reeve	Demonstrator.
	J. L. Twort	Demonstrator.
Applied Statistics and Eugenics.	Karl Pearson, M.A., LL.D., F.R.S.	Galton Professor and Director of the Laboratories.
	David Heron, M.A., D.Sc.	Assistant Director.
	Ethel M. Elderton ..	Galton Research Fellow.
	Amy Barrington	Assistant.
	Julia Bell, M.A.	Assistant.
	Beatrice M. Cave-Browne-Cave.	Assistant.
	H. E. Soper, M.A.	Assistant.
	Eveline Y. Thomson	Assistant.
	H. Gertrude Jones	Hon. Secretary (Eugenics Laboratory).
Geology, Physical Geography, and Mineralogy.	E. J. Garwood, M.A.....	Yates-Goldsmid Professor.
	Edith Goodyear, B.Sc. ..	Museum Assistant.
	E. W. Simmons	Demonstrator.

† Fellow of the College.

Subject.	*Name.*	*Status.*
Pathological Chemistry.	Vaughan Harley, M.D., M.R.C.P.	Professor.
	F. W. Goodbody, M.D. M.R.C.P	Assistant Professor.
Pharmacology	Arthur R. Cushny, M.A., M.D., F.R.S.	Professor.
	J. W. C. Gunn, M.B., C.M.	Assistant.
Physics	F.T. Trouton, M.A., Sc.D., F.R.S.	Quain Professor.
	A. W. Porter, B.Sc., F.R.S.†	Reader (Thermodynamics).
	N. Eumorfopoulos, B.Sc.†	Assistant.
	A. O. Rankine, D.Sc.†	Assistant.
	D. Orson Wood, B.Sc.	Assistant.
Physiology	E. H. Starling, M.D., B.S., F.R.C.P., F.R.S.	Jodrell Professor.
	W. M. Bayliss, M.A., D.Sc., F.R.S.†	Professor (General Physiology).
	G. A. Buckmaster, M.A., M.D., D.P.H.	Reader (Applied Physiology).
	R. H. Plimmer, D.Sc.† ..	Reader (Physiological Chemistry).
	C. Lovatt Evans, D.Sc. ..	Assistant & Sharpey Scholar.
	G. Y. Oliver, B.A.	Hon. Assistant.
	Paul Haas, Ph.D.	Assistant.
	Ruth Skelton, B.Sc.	Demonstrator.
Zoology and Comparative Anatomy.	J. P. Hill, D.Sc., F.R.S. ..	Jodrell Professor.
	C. H. O'Donoghue, D.Sc.†	Senior Assistant.
	F. J. Bridgman, A.R.C.S.. .	Assistant.
	Katharine M. Parker, B.Sc.	Assistant.
	D. M. S. Watson, M.Sc.....	Lecturer in Vertebrate Palæontology.

[The Professors of Anatomy, Archæology, Economic Geography, Egyptology, Pure Mathematics, Applied Mathematics and Mechanics, Philosophy of Mind and Logic, and Political Economy, Dr. Derry, Capt. Phillips, and Dr. Whitehead, are also Members of this Faculty.].

Faculty of Engineering.

Dean.—Professor J D. Cormack.
Vice-Dean.—Professor J. A. Fleming.

Engineering; Civil, and Surveying.	H. Deans, M.A. (Cantab.), M.Inst.C.E.	Lecturer.
	A. T. Walmisley, M.Inst.C.E.	Lecturer.
	M. T. Ormsby, M.Inst.C.E.I.	Lecturer.

† Fellow of the College.

Subject.	*Name.*	*Status.*
Engineering; Electrical	J. A. Fleming, M.A., D.Sc., F.R.S.†	Professor.
	W. C. Clinton, B.Sc., M.Inst.E.E.	Assistant Professor.
	E. Kilburn Scott, M.Inst. E.E., A.M.Inst.C.E.	Lecturer.
	P. R. Coursey, B.Sc.	Assistant.
Engineering; Heating and Ventilating.	A. H. Barker, B.A., B.Sc.	Lecturer.
Engineering; Mechanical.	J. D. Cormack, D.Sc., M.Inst. Mech.E.	Professor.
	W. H. Eccles, D.Sc.	Reader (Graphics).
	W. J. Goudie, B.Sc., M.Inst.Mech.E.	Assistant Professor.
	H. P. Philpot, B.Sc., M.Inst.Mech.E.	Assistant Professor.
	E. Sprague, Assoc.M.Inst. C.E.	Assistant.
	D. W. Fletcher, B.Sc.	Demonstrator.
	A. F. Hewett, B.Sc.	Demonstrator.
Engineering Municipal.	(Vacant).	Edwin Chadwick Professor.
	(Vacant).	Lecturer.
	M. T. Ormsby, M.Inst.C.E.I.	Assistant.
Hygiene and Public Health.	H. R. Kenwood, M.B., D.P.H., F.R.S.E.	Chadwick Professor.
	J. Sherwood New, M.B., B.S., D.P.H.	Assistant & Lecturer.

[The Professors of Architecture, Chemistry (General), Geology, Mathematics (Pure), Applied Mathematics and Mechanics, and Physics, together with Mr. Dibb, Mr. Masson, Mr. Porter, Dr. Whytlaw-Gray, and Mr. Orson Wood, are also Members of this Faculty.]

Faculty of Medical Sciences.

Dean.—Professor G. D. Thane.
Vice-Dean.—Professor A. R. Cushny.

Anatomy	G. D. Thane, LL.D., Sc.D., F.R.C.S.	Professor.
	D. E. Derry, M.B., Ch.B.	Lecturer in Physical Anthropology & Curator of the Anatomical Museum.
	H. T. Mant, M.S., F.R.C.S.	Demonstrator.
	E. K. Martin, M.B., M.S., F.R.C.S.	Demonstrator.
	A. Goodwin, M.B., B.S. ..	Assist. Demonstrator.
	G. W. R. Rudkin.....	Assist. Demonstrator.

† Fellow of the College.

Subject.	*Name.*	*Status.*
Botany	F. W. Oliver, M.A., D.Sc., F.R.S.†	Quain Professor.
	T. G. Hill, A.R.C.S.	Reader (Plant Physiology).
	E. M. Cutting, M.A.....	Assistant
	C. M. Green, B.Sc.	Assistant.
Chemistry	J. Norman Collie, LL.D., Ph.D., F.R.S.	Professor (Organic).
	F. G. Donnan, M.A., Ph.D., F.R.S.	Professor (Inorganic and Physical).
	R. E. Slade, D.Sc.	Assistant.
	R. H. Plimmer, D.Sc.† ..	Teachers of Chemistry to Medical Students.
	W. B. Tuck, D.Sc.	
	Paul Haas, Ph.D.	Assistant.
	H. Terrey, B.Sc.....	Demonstrators.
	H. J. P. Venn, B.Sc.	
Hygiene and Public Health.	H. R. Kenwood, M.B., D.P.H., F.R.S.E.	Professor.
	J. Sherwood New, M.B., B.S., D.P.H.	Assistant & Lecturer.
Pathological Chemistry .	Vaughan Harley, M.D., M.R.C.P.	Professor.
	F. W. Goodbody, M.D., M.R.C.P.	Assistant Professor.
Pharmacology	Arthur R. Cushny, M.A., M.D., F.R.S.	Professor.
	J. W. C. Gunn, M.B., C.M.	Assistant.
Physics	F. T. Trouton, M.A., Sc.D., F.R.S.	Quain Professor.
	A. W. Porter, B.Sc., F.R.S.†	Reader (Thermodynamics).
	N. Eumorfopoulos, B.Sc.† .	Assistant.
	A. O. Rankine, D.Sc.† ..	Assistant.
	D. Orson Wood, B.Sc.	Assistant.
Physiology	E. H. Starling, M.D., B.S., F.R.C.P., F.R.S.	Jodrell Professor.
	W. M. Bayliss, M.A., D.Sc., F.R.S.†	Professor (General Physiology).
	G. A. Buckmaster, M.A., M.D., D.P.H.†	Reader (Applied Physiology).
	R. H. Plimmer, D.Sc.† ..	Reader (Physiological Chemistry)
	C. Lovatt Evans, D.Sc. ..	Assistant & Sharpey Scholar.
	Paul Haas, Ph.D.....	Assistant.
Zoology and Comparative Anatomy.	J. P. Hill, D.Sc., F.R.S. .	Jodrell Professor.
	C. H. O'Donoghue, D.Sc.†	Senior Assistant.
	F. J. Bridgman, A.R.C.S.	Assistant.

† Fellow of the College.

PROFESSORES EMERITI.

Daniel Oliver, F.R.S.	Botany	1888
Sir A. B. W. Kennedy, F.R.S.	Mechanical Engineering	1889
E. S. Beesly, M.A.	History	1893
Sir John Williams, Bart., M.D.†	Obstetric Medicine	1893
H. Charlton Bastian, M.A., M.D., F.R.S.†	Medicine and Clinical Medicine	1898
G. Carey Foster, B.A., LL.D., D.Sc., F.R.S.†	Physics	1898
The Rev. T. G. Bonney, D.Sc., F.R.S.	Geology	1901
James Sully, M.A., LL.D.	Philosophy of Mind and Logic	1904
Sir John Tweedy, F.R.C.S.	Ophthalmic Medicine and Surgery.	1904
Frederick T. Roberts, M.D., F.R.C.P.†	Medicine and Clinical Medicine	1905
Sir E. Ray Lankester, M.A., LL.D., F.R.S.	Zoology and Comparative Anatomy.	1906
Sir Victor Horsley, M.B., B.S., F.R.C.S., F.R.S.†	Clinical Surgery	1906
Sir Thomas Barlow, Bart., M.D., F.R.S.	Clinical Medicine	1911
Sir William Ramsay, K.C.B., LL.D., Ph.D., F.R.S.	Chemistry	1913

† Fellow of the College.

REPORT OF THE COLLEGE COMMITTEE.

STUDENTS AND FEES.

SESSION 1912–1913.

The total number of Students during the Session 1912–13 was 2083, being an increase of 404 over that of the preceding Session. This large increase is accounted for by the inclusion for the first time of all the Evening Students, in the numbers of which there has been a rapid increase, owing to the growth of the Evening Schools of History and Phonetics. The Students were distributed as follows:—

	Men.	Women.	Total.
I. Faculty of Arts	219	205	424
Department of Fine Arts.....	83	190	273
II. Faculty of Science	147	35	182
III. Faculty of Medical Sciences	137	..	137
IV. Faculty of Engineering	128	..	128
V. Faculty of Laws	34	..	34
VI. Post-Graduate and Research ..	294	117	411
Total	1042	547	1589
VII. Evening:			
(*a*) Arts.....	159	294	453
(*b*) Science.....	9	32	41
Grand total.....	1210	873	2083

There were 708 registered Internal Students of the University, compared with 710 in the previous year. The geographical districts from which the Students came are given in Appendix II. (see p. 57).

The total fees available for the service of the Session 1912–13 amounted to £26,227 6*s.* 6*d.*, an increase of £323 9*s.* 8*d.* on the previous Session. The proportion of composition fees due to succeeding Sessions is not included in the above total.

THE CURRENT SESSION (1913–1914).

The numbers of Students who have completed their registration and paid fees up to December 31st, 1913, are as follows:—In the Faculties of Arts, Laws, Science, and Engineering, 1064, of whom 481 are new Students; in the Faculty of Medical Sciences, 134, of whom 61 are new Students. In the total number there is an increase of 4 as compared with the corresponding date in 1912.

The College fees received to December 31st, 1913, are £16,255 7*s.* 8*d.* in the Faculties of Arts, Laws, Science, and Engineering, and £2,235 9*s.* 0*d.* in the Faculty of Medical Sciences, showing an increase of £2,373 7*s.* 2*d.* as compared with the corresponding date in 1912.

GENERAL FINANCES.

Financial Year 1912–13.

The Accounts for the year (1912–13) are appended to this Report (see Appendix VIII., p. 89).

The *College Establishment Income and Expenditure Account* is presented in a new form. This form approximates to that required for the return to the Board of Education, and has been adopted by the Senate for the Incorporated Colleges of the University. In view of this change, a detailed comparison with the actual income and expenditure of the previous year is not possible.

The Establishment Account includes for the first time the amounts actually expended from the revenue of Trust Funds (£9,053 4*s.* 0*d.*) and thus shows in a single statement the whole of the Expenditure of the College for the year in question (with the exception of that on the Galton Laboratory of Eugenics, see p. 47). In order, therefore, to compare this Account with those of previous years, it is necessary to deduct from both sides the sum of £9,053 4*s.* 0*d.*, being the actually expended revenue from Trust Funds, the details of which are given under the College Trust Funds Income and Expenditure Account.

Income.—Deducting the sum of £9,053 4*s.* 0*d.* (Trust Funds income), the ordinary income is £57,640 18*s.* 8*d.*, being £1,984 1*s.* 0*d.* more than in the previous year. Of this, £1,000 is the gift of Mr. and Mrs. Walter Baily for the re-flooring and re-decoration of the South Cloisters; £323 9*s.* 8*d.* is due to the increase in Fees; and nearly the whole of the remainder is accounted for by the adjustment in regard to the dates of payment of certain of the University Professors.

Expenditure.—Deducting the sum of £9,053 4*s.* 0*d.* (Trust Funds expenditure), the ordinary expenditure is £57,814 9*s.* 0*d.*, being £3,315 14*s.* 3*d.* more than in the previous year. Of this, £1,000 is the expenditure in respect of Mr. and Mrs. Walter Baily's gift; and £487 is due to the re-arrangement of the dates of payment of certain University Professors. There have been increases under the head of General Expenses, *e. g.*, Printing, Stationary, and Postage, amounting to £345, due on the one hand to the growing work of the College, and to a considerable extent to the development of public lectures; and the balance of the increase of expenditure is mainly due to the new scale of salaries, which was referred to in the last Report. The payment in respect of the "Slade Record" was not anticipated: the sum of £50 was advanced three years ago for the purpose of aiding its publication; it was anticipated that the publication would pay its way, but this anticipation has not been realised. The actual deficit of the year on the Refectory was reduced to £40 8*s.* 6½*d.* The payments that have been made in the year clear off the balance of the arrears in respect of the Refectory for the previous three years.

The net result of the year's working is that on the actual revenue and expenditure of the year there is a deficit of £173 10*s.* 4*d.* This deficit will be provided from the surplus of £1,158 2*s.* 11*d.* carried forward from last year, thereby reducing that surplus to £984 12*s.* 7*d*

The *Grants* from the Treasury, the Board of Education, the London County Council, and other bodies, are set out in full in the Accounts. The list of them (see Appendix III., p. 59) shows the extent to which the work of the College depends upon grants and upon the generosity of some of the great City Companies.

Subscriptions and Donations (see Appendix III., p. 59) amounted to £1,906 8*s.* 1*d.*, of which £1,861 7*s.* 6*d.* was for special purposes.

The General Balance Sheet.

This shows the general position at the end of the year 1912–13.

The temporary provision of the sum of £5,900 out of income for the purchase of the freehold of All Saints Church made it necessary to borrow the sum of £5,000 for a period of rather less than a month from the Bankers, in order to meet the liabilities of the College at the end of the financial year. It is to be hoped that this sum of £5,900 will be provided with as little delay as possible.

The expenditure on the Pharmacology Institute has been transferred to the General Balance Sheet.

The expenditure on electric re-wiring and heating, which has been

authorised by the Senate, appears, to the extent of £65 3*s.* 10*d.*, in the Balance Sheet; this is due to the work being begun in August; the bulk of the expenditure will be incurred in 1913–14.

The total capital expenditure on Re-arrangement and Re-equipment of Buildings since 1905 amounted at the end of the financial year 1911–12 to £23,132, of which £10,450 had been specially provided, leaving as a charge to ordinary Income £12,682 in respect of capital expenditure. To this £12,682 has now been added, the expenditure on re-wiring and heating (£65), making a total of £12,747.

It is desirable that this capital expenditure should be provided for by special gifts, either in the form of Annual Subscriptions or of Donations.

In this connection, the Committee desire to call attention to the importance of maintaining and extending the list of Annual Subscriptions. Not only are such subscriptions a means of increasing the revenue of the College, but they serve a most important purpose in all applications to the Government and public bodies.

The Current Financial Year. 1913–14.

The rapid development of the College Buildings, and concurrently, as a matter of necessity, of its staff and equipment, requires a continually increasing financial provision. With the growth in the number of Students, the income from fees increases, but the fee revenue can only be expected to provide something less than one-half the cost of each Student.

For the current year, the ordinary revenue, supplemented by the balance brought forward from the year 1912–13, seems likely to meet the ordinary expenditure, provided that additional funds are forthcoming to meet the necessary capital charges. The Memorandum upon the College Site, Buildings and Equipment that was circulated last year summed up the position. In the current year, the most pressing needs are in connection with works already in hand.

The structure of the new Chemical laboratories is approaching completion, but the internal fittings, apparatus and equipment have yet to be provided, and the sum still needed is estimated at £28,652.

For the fitting and completion of that portion of the Gower Street Front which is to be devoted to the Department of Applied Statistics and Eugenics, it was originally estimated that a sum of £3,000 would be required but it is probable that the actual cost will be about £5,000.

In order to pay for the building formerly known as All Saints

Church, Gordon Street, to reconstruct it, so as to fit it for the uses of a Great Hall and Examination Room, the sum of £10,085 is required. A Great Hall is one of the most pressing needs of the College, and at present this building is lying idle for want of the necessary funds to reconstruct and adapt it.

In Appendix I. (p. 56) is given a summary of the expenditure provided and required, on the basis of the memorandum issued last year, but revised to 1st January, 1914. The details of the other most pressing requirements of the College are set out in the column headed "Most Pressing." It will be seen that the total amount immediately required to meet expenses of a capital nature amounts to £58,262. Unless this sum is raised, the developments that are in progress, to say nothing of those that are contemplated, will be checked.

FEDERATED SUPERANNUATION SYSTEM FOR UNIVERSITIES.

The Federated Superannuation System for the Academic and Administrative Staffs of Universities and University Colleges prepared by the Board of Education, in consultation with a Committee of Representatives of the Universities and University Colleges concerned, was approved by the Senate and took effect as from September 1st, 1913. Under this scheme, all persons holding full-time posts of an annual value of £300 and upwards, will, in future, as a matter of routine, come within the system; those holding posts of an annual value of between £200 and £300 may, if they so desire, come within the system; and those holding posts of an annual value of not less than £160 may, with the consent of the College Committee, be included. Thirty-four members of the College staff have already been included in the system.

The establishment of this system, which makes it possible for members of the Academic and Administrative Staffs to be transferred from one University or University College to another without injuring their prospects of a pension, together with the means of giving effect to it by an addition to the Treasury Grant, is a new source of strength to University Education throughout the country.

THE COLLEGE COMMITTEE.

Sir Felix Schuster, the Treasurer of the College since 1907, found himself unable to continue to devote the necessary time to the duties of the office, and in January 1913 intimated his desire to retire from the Treasurership. His resignation was accepted by the Senate with great regret. He has been succeeded by his son, Mr. Felix Victor Schuster, B.A.

The College Committee, at their meeting on May 6th, 1913, received with great regret news of the death of Dr. Keddey Ray Fletcher, Past Master of the Drapers' Company, who, since his appointment as a member of the College Committee in 1910, had rendered most valuable services to the College. His wide technical knowledge had been of great assistance in the improvement of the

arrangement of the College Buildings; he was, at the time of his death, actively concerned in elaborating a new scheme of heating and ventilation. The following Resolution of Condolence was adopted:—

> That the College Committee desire to record their appreciation of the very valuable services rendered to the Committee by the late Dr. Fletcher, a past Master of the Drapers' Company, and request the Provost to convey to his widow, and also to the Drapers' Company, their sense of the loss which the College has sustained by his death.

The vacancy in the Committee caused by Dr. Fletcher's death has been filled by the appointment of Mr. Charles Fellows Pearson, also a Past Master of the Drapers' Company.

THE PROFESSORIAL BOARD.

The following new form of College Statute 24, concerning the constitution of the Professorial Board, has been sanctioned:—

The Board shall consist of the Provost and of the following persons whilst holding office in the College:—

(1) The Professors who held office immediately before the day appointed for incorporation of the College in the University, *i. e.* January 1st, 1907.
(2) All persons subsequently appointed to hold office as Professors in the College.
(3) The Librarian.
(4) All such persons appointed as Readers or Lecturers or Assistant Professors, or granted the title of Assistant Professor, as the Senate, having regard to the importance of their work in the College, shall, after receiving a report from the Professorial Board, nominate to be members of that Board.

ROYAL COMMISSION ON UNIVERSITY EDUCATION IN LONDON.

The Royal Commission on University Education in London issued their Final Report in April 1913. In September the President of the Board of Education appointed a Departmental Committee, under the chairmanship of Sir George H. Murray, "to inquire and report, after consultation with the bodies and persons concerned, as to the steps by which effect shall be given to the scheme of the Report of the Royal Commission on University Education in London, and to recommend the specific arrangements and provisions which may be immediately adopted for that purpose and as the basis of the necessary legislation."

The Report has been, and is still, engaging the careful attention of the College Committee and the Professorial Board. A first Joint Report has been issued by these bodies, expressing general approval of the Final Report, and dealing in particular with the proposals of the Commissioners with regard to the organisation of a Committee and Faculty of Technology. A further report on other matters will be issued in due course.

DEATHS OF PERSONS CONNECTED WITH THE COLLEGE.

The College Committee record with regret the deaths of the following persons connected with the College :—

Dr. Keddey Ray Fletcher (Member of the College Committee) (to whom more detailed reference is made above).

The Right Hon. Lord Avebury, F.R.S. (Governor).

The following Resolution was passed by the Committee :—

> That the Chairman of the College Committee be requested to address a letter of condolence on behalf of the Committee to Lady Avebury in the following terms :—
>
> That the University College Committee desire to express to Lady Avebury and the members of her family their deep sympathy at the loss that they have sustained by the death of Lord Avebury.
>
> They desire also to place on record their high appreciation of Lord Avebury's services to the University of London, as well as to scientific and popular education.

Sir Augustus Prevost, Bart. (Former Member of the Council of University College, London; Governor; and Former Student).

Mr. Robert Barclay (Governor).

Mr. Frederick Nettlefold (Governor).

Mr. Sutton Sharpe (Governor).

The Rt. Hon. Viscount Knutsford (Life Governor).

Professor Osbert Chadwick, C.M.G. (Life Governor and Emeritus Professor of Municipal Engineering).

Professor F. Gotch (Life Governor), a former student and formerly Assistant in the Department of Physiology.

The Rt. Hon. Viscount Llandaff (Senior Fellow).

Dr. Tempest Anderson (Fellow).

Dr. Thomas Hodgkin (Fellow).

Mr. E. Seymer Thompson (Fellow).

Professor Robinson Ellis (Professor of Latin 1870–1 to 1875–6).

Mr. P. F. Macgregor (Assistant in the Department of Zoology).

Mrs. Norman-Robinson (Founder of Crewdson-Benington Scholarship).

REPRESENTATIVES.

The Right Hon. Lord Reay has been re-co-opted to represent the College on the Senate.

The Senate have appointed the following Representatives of the University in respect of University College :—

Professor W. P. Ker on the Stepney and Bow Foundation. (Re-appointment.)

Dr. S. Smiles on the Governing Body of the Sutton County Boys' School.

The Rev. C. R. Job on the Governing Body of Hampton Grammar School. (Re-appointment.)

Mr. Arnold Mitchell on the Governing Body of Chelmsford Grammar School.

Mr. W. H. Fairbairns on the Governing Body of Queen Elizabeth's Grammar School, Barnet. (Re-appointment.)

Professors E. A. Gardner and Hermann Gollancz as delegates to the International Congress of Historical Studies, April 1913.

Professor H. R. Kenwood as delegate to the Congress of the Royal Sanitary Institute to be held at Blackpool, July 1914.

The Provost, Dr. Goodbody, and Mr. Raymond Johnson represent the College Committee on the Committee of Management of University College Hall, Ealing.

The Provost, Professor Pollard, and Professor Cushny (the latter in respect of the Faculty of Medical Sciences) represent the College Committee on the London Intercollegiate Scholarships Board.

The Provost was delegated to represent the College Committee at the Conference on Military Education in London, January 1914.

FELLOWS.

The following have been elected to the Fellowship of the College:—

Miss Winifred Brenchley, D.Sc., Botanist to the Rothamsted Agricultural Experimental Station.

Mr. R. C. F. Dolley, M.A., Lecturer in History at University College, Nottingham.

Mr. Bernard Hart, M.B., Lecturer on Mental Diseases at University College Hospital Medical School.

Mr. W. Makower, D.Sc., Chief Lecturer in Physics in the University of Manchester.

Mr. C. H. O'Donoghue, D.Sc., Senior Assistant in the Department of Zoology and Comparative Anatomy.

Mr. J. H. C. Searle, M.A., B.Sc., Lecturer in Mathematics at the Victoria University, Manchester.

Mr. F. H. Thiele, M.D., B.Sc., F.R.C.P., Lecturer in Bacteriology and Immunity at University College Hospital Medical School; Lecturer in Chemical Pathology, Pathologist and Head of the Clinical Pathology Department, University College Hospital.

Mr. H. E. Watson, D.Sc., Lecturer in Chemistry, Indian Institute of Science, Bangalore.

Mr. A. C. Wood, M.A., Quain Student in English.

HONOURS AND APPOINTMENTS.

A. Former Students and other Persons connected with the College.

In the List of Birthday Honours published in June 1913 appeared the name of Mr. W. Gwynne Evans, a generous benefactor, who received the honour of a Baronetcy; of Professor E. A. Schäfer, a former student and, from 1883 to 1899, Jodrell Professor of Physiology, who was knighted; and of Sir Alfred Mond, Bart., M.P., a benefactor, who was made a member of His Majesty's Most Honourable Privy Council.

At the New Year (1914), Sir William J. Collins, a Life-Governor and former member of the College Committee, was appointed a Knight Commander of the Royal Victorian Order; and Sir Rickman J. Godlee, Bart., Fellow of the College, received a like honour. A further recognition of Sir Rickman Godlee's distinguished work is shown by the presentation to him of the Gold Medal of Honorary Membership and the Presentation Medal of the National Institute of Social Sciences of America "for notable service rendered to humanity."

Professor M. J. M. Hill has been re-elected Chairman of the Academic Council of the University.

The Senate have conferred the title of Emeritus Professor of Chemistry upon Sir William Ramsay.

Professor J. Norman Collie has received the "Gunning Victoria Jubilee Prize" of the Royal Society of Edinburgh "for distinguished contributions to Chemistry, Organic and Inorganic, including work upon Neon and other rare Gases"; he has also received the Honorary Doctor of Science Degree of Liverpool and of Belfast.

Professor E. H. Starling has received a Royal Medal of the Royal Society for researches in Physiology, and has been elected a Corresponding Member of the Société de Biologie of Paris.

Professor A. R. Cushny has been made a Corresponding Member of the K. K. Gesellschaft der Aertze in Wien.

Mr. V. H. Blackman, Professor W. E. Dalby, Dr. T. R. Elliott, and Professor J. P. Hill have been elected to the Fellowship of the Royal Society.

Mr. John W. Salmond, K.C., Solicitor-General for New Zealand, Fellow, has received the Swiney Prize of the Royal Society of Arts for his work on "Jurisprudence."

Dr. W. C. McC. Lewis, formerly Assistant in the Department of Chemistry, has been appointed to the Chair of Physical Chemistry in the University of Liverpool.

Dr. A. J. Clark, formerly Assistant in the Department of Pharmacology, has been appointed to the newly-instituted Lectureship in Pharmacology at Guy's Hospital.

Dr. S. B. Schryver, a former Student and Lecturer in Physiological Chemistry, is now Assistant Professor of Biochemistry at the Imperial College of Science and Technology.

Mr. M. O. B. Caspari, M.A., Reader in Ancient History, was the Secretary of Section II. of the International Congress of Historical Studies, London, April 1913.

Dr. F. Aveling, a former Student and Lecturer in Philosophy has been elected Agrégé de l'Université de Louvain.

Miss M. L. Hett has been appointed Demonstrator in Zoology at Bedford College.

Miss Olive Purser has been appointed Lecturer in English Literature at Trinity College, Dublin.

Mr. W. E. Collinson has been appointed Lecturer in Gothic and Assistant-Lecturer in German in the University of Liverpool.

Mr. B. A. Keen has been appointed Physicist at the Rothamsted Experimental Station for a period of three years.

Miss Annie Porter, Miss M. Stephenson, and Dr. V. Moorhouse have been elected to Beit Memorial Fellowships.

Mr. R. E. M. Wheeler, M.A., former Student and Publications Secretary, has been elected to the Franks Studentship in Archæology for 1913–14 and has been appointed a Junior Investigator under the Royal Commission on Historical Monuments; he has been succeeded in the office of Publications Secretary by Mr. R. G. Armstrong, LL.B., also a former Student of the College.

Former Students of the Department of Botany have obtained the following appointments:—Dr. Ethel de Fraine, Lectureship in Botany at University College, Aberystwyth; Miss E. Hume, Lectureship in Botany, South African College, Cape Town; and Dr. Winifred Brenchley, on the staff of Rothamsted Experimental Station (Lawes Agricultural Trust) in Plant Physiology.

Mr. R. A. Bradshaw Smith, Mr. T. F. Carter, and Mr. W. A. Evershed have obtained appointments in the Public Works Department of India. Mr. L. E. Campbell has been appointed Chemist to the Ceylon Rubber Research Committee.

Former Students and members of the Department of Hygiene and Public Health have obtained the following appointments:—W. M. O. Beveridge, Professor of Hygiene, Army Medical School; W. Butler, Chief Assistant Medical Officer of Health, London County Council; H. E. Corbin, Medical Officer of Health, Calcutta; T. S. Higgins, Medical Officer of Health for Metropolitan Board of St. Pancras; Dr. McCullagh, School Medical Officer to the Wiltshire County Council; J. Sherwood New, Medical Officer of Health, Amersham Urban District Council; Mary Thomson, Assistant Medical Officer of Health, Huddersfield.

The following further appointments have been obtained by Former Students:—Mr. A. P. Newton, Lecturer on Colonial History at King's College; Miss Mabel Annakin, Lecturer in English, City of Leeds Training College; Miss Marguerite B. Turner, Assistant Mistress at the Stamford Hill Girls' School; Mr. C. W. Smith, Assistant Master at Dudley House School, Lee; Mr. A. O. Delo-Dosumu, Vice-Principal, Eko High School, Lagos; Mr. J. C. Ballantyne, under Professor Duncan at the Mellon Institute of Industrial Research, Pittsburgh, U.S.A.; Mr. F. J. Kean, Lecturer in Motor Car Engineering at the Regent Street Polytechnic.

Mr. Colin Gill, a Former Student of the Slade School, has been awarded a British School of Rome Scholarship, of the value of £200, for three years.

The 1851 Exhibition Research Scholarship awarded to Mr. H. J. Page has been renewed for a second year; that awarded to Dr. H. T. Clarke, for a third year. Mr. W. B. Haines has been elected to one of these Research Scholarships; and Mr. A. N. Cousin has received an 1851 Exhibition Industrial Bursary.

B. Present Students.

University Honours.

Degree or Distinction.	Subject.	Name of successful candidates from University College.	Class.
M.A.	Classics (Classical Archæology)	Radford, Evelyn	Special distinction.
	English	Alexander, Jean M. G.	
		Roseby, Mary.	
	French	Livingston, Kate.	
		Proper, B.	
	History	Davis, Eliza J.	
		Trotter, Eleanor.	
	Mathematics	Dibb, J. H.	
		Lunnon, R. G.	
		Searle, J. H. C.	
	Philosophy	Roy, S. C.	
B.A.	Classics	Samerewikrema, W. A.	III
		Scott, R. M.	II
		Smith, A. A.	II
		Swinburn, Doris	II
	English	Boys, Dorothy G.	III
		Harrison, C. A.	II
		Huckstep, H. G.	III
		Husbands, Hilda, W.	II
		Jones, H. W.	II
		Lancaster, J. T.	II
		Storey, H. E.	III
		Whitaker, S. P.	I
		Wong-Quincey, J.	II
	French	Gaster, V. I.	II
		Kingston, Dorothy J.	III
		Nation, Marion R.	I
		Wood, M. H.	II
	German	Chase, G. H.	II
		Fryer, H. N.	II
		Landau, Miriam	II
		Sington, A. J.	I
	Hebrew & Aramaic.	Mann, J.	I
	History	Brazier, Sarah E.	II
		Burt, J. A.	II
		Clouter, Emily A.	III
		Epstein, S.	III
		Heath, Irene E.	III
		Mindel, N. I.	III

Degree or Distinction.	Subject.	Name of successful candidates from University College.	Class.
B.A. (*con.*) ...	History	Plummer, Gladys	II
		Strachstein, J.	II
		Turner, Marguerite B....	III
		White, Dorothy E.	II
		Wood, M. H.	II
	Mathematics...	Cooper, H.	II
	Philosophy ...	Ginsberg, M.	I
		Mann, A. M.	II
		Russell, V. H. C.	II
D.Sc.	Botany	Baker, Sarah M.	
	Chemistry	Clarke, H. T.	
	Geology	Pascoe, E. H.	
	Physiology ...	Evans, C. A. L.	
		Mathison, G. C. McK.	
B.Sc.	Botany	Archer, Dorothy	III
		Hember, Maude E.	II
		Rogers, F. A.	II
		Sells, Muriel A.	II
		Starling, Florence L. ...	II
	Chemistry.....	Ballantyne, J. C.	II
		Crow, A.	II
		Du Boulay, Winifred ...	II
		Harding, G. H.	II
		Heyrovsky, Y.	II
		Hudleston, L. J.	II
		Morrison, N.	II
		Newton, A. U.	I
		Nobbs, H.	II
		Page, W. I. G.	II
		Reeve, W. W.	II
		Reynard, H. C.	I
		Saunders, W.	II
		Terrey, H.	II
		Wan, I. S.	III
		White, G. N.	II
	Geology	Sadek, H.	II
	Mathematics...	Benenstock, L.	II
		Corte, O. A.	I
		Wasserman, E.	II
	Physics	Dunkley, A.	II
		Ellis, T. A.	I
		Inkpen, G. T.	III
		Nour-el-Din, Y.	III
		Paris, E. T.	II
	Physiology ...	Ellison, C. W.	III
	Zoology	Tribe, Margaret	II

Degree or Distinction.	Subject.	Name of successful candidates from University College.	Class.
B.Sc. (Engineering).	Engineering ...	Alder, L. S. B.	I
		Aldwinckle, R.	II
		Coursey, P. R.	I
		Fletcher, D. W.	I
		Hewett, A. F.	II
		Kelsey, N. F.	II
		Manton, B. G. G.	II
LL.D.	English Law...	Khergamvala, J. S.	
LL.B.	.....	Fagan, H. A.	I
		Hobbs, W. G.	III
		Mitra, D. N.	III
		Reed, D. B.	II
		Tremlett, E.	I(Scholarship)
University Exhibitions	Group I. (Languages)	Schlumberger, Beatrice J.	
University Scholarships	Chemistry.....	Hutchison, G. L.	
	Geology	Simmons, E. W.	
	Physics	Ellis, T. A.	
Neil Arnott Scholarship			
Gilchrist Scholarship.	German	Tait, Margaret N.	
	Turkish	Wilson, C. E.	
Sir George Jessel Studentship.	Mathematics...	Gohar, M. Sadek.	
Ouseley Memorial Scholarships.	Arabic	Field, C. H. A. Hooper, C. A.	
George Smith Studentship.	English	Groom, B.	

University Pass Degrees.

B.A.:—Friedberger, E. M. S.; Leech, S. J. J.; McAra, A. B.; Revington, S. M.; Stone, Muriel; Webb, Helen M.

B.Sc.:—Binden, Lizzie; Inkpen, G. T.; Jewell, Florence M.; Maddock, J. W.; Mitra, D. N.; Smith, C. W.

B.Sc. (Engineering):—Adams, C. H.; Bishop, C. B. J.; Fahmy, A. el M.; Hunt, E. W. A.; Kapur, N. R.; Ridpath, C. H. E.; Schwab, M. H.; Singh Teja.

LL.B.:—Ahujah, S. N.

Higher Civil Service.

The following passed the Final Examination for the Civil Service of India and have proceeded to the Provinces named :—

Name.	*Final Examination.*	*Province.*
Brown, C. H.	8th place.	Madras.
Callander, W. R. C...	15th ,,	Madras.
Monro, A.	23rd ,,	Upper Bengal.
Nehru, S. S.	30th ,,	Upper Bengal.
Gurney, A. H.	33rd ,,	Upper Bengal.
Gillies, J. E.	34th ,,	Burma.
Stent, P. J. H.	38th ,,	Upper Bengal.
Roy, S. N.	41st ,,	Bengal and Assam.
Wolbrom, A. R.	44th ,,	Madras.

Diplomas and Certificates.

The following obtained Engineering Diplomas :—

Alder, L. S. B. (Electrical) ; Coursey, P. R. (Electrical, with distinction) ; Fahmy, A. el M. (Mechanical) ; Fletcher, D. W. (Civil & Municipal) ; Gautam, D. N. (Civil & Municipal) ; Hewett, A. F. (Civil & Municipal) ; Hunt, E. W. A. (Civil & Municipal) ; Kapur, N. R. (Electrical) ; Kelsey, N. F. (Civil & Municipal) ; Manton, B. G. G. (Civil & Municipal) ; Orfy, A. el R. (Civil & Municipal) ; Ridpath, C. H. E. (Mechanical) ; Rowland, D. M. (Civil & Municipal) ; Schwab, M. H. (Civil & Municipal) ; Singh, R. T. (Civil & Municipal).

The following obtained Certificates in Architecture :—

Hamilton, I. B. M. ; Sayed, S. A. ; Vincent, Sybil, F.

The following obtained the Diploma in Public Health :—

University of Cambridge.—Featonby, H. N. ; Jordan, Rose F. ; Scholes, F. V. ; Shields, O.

Royal College of Physicians and Surgeons, London.—Bethune, W. ; Blackmore, H. S. ; Butler, W. H. ; Chubb, Elsie M. ; Delmege, J. A. ; Dube, H. S. ; Dykes, A. L. ; Gaskell, A. ; Gill, C. A. ; Goode, Christina L. ; Johnson, R. G. ; Keane, P. M. ; Lilley, C. H. ; Phipson, E. S. ; Powell, T. W. W. ; Pugh, Laura W. ; Rai, B. ; Ram, S. ; Rose, P. ; Taylor, J.

Royal College of Physicians and Surgeons, Dublin.—Williams, R. F.

Officers Training Corps.

Commissions in Special Reserve :—

(1) Benké, L. L. (A Coy. Inf. to the Yorkshire Regt.).
(2) Chapman, H. L. (A Coy. Inf. to the Dorset Regt.).
(3) Gaunt, O. (Artillery to R.F.A.).
(4) Heatly, H. F. (A Coy. Inf. to the Yorkshire Regt.).
(5) Lee, N. E. (A Coy. Inf. to the Yorkshire Regt.).

Commissions in the Territorial Force :—

(1) Bate, E. H. (D Coy. Inf. to 4th Bn. City of London Regt.).
(2) Elliot, G. H. (Artillery to Unattached List T.F.).
(3) Hummel, H. S. (D Coy. Inf. to 1st London Brigade R.F.A.).
(4) Smith, A. J. (D Coy. Inf. to 7th Bn. City of London Regt.).
(5) Smith, S. W. (D Coy. Inf. to 7th Bn. City of London Regt.).
(6) Wood, M. H. (A Coy. Inf. to 4th Bn. Lincolnshire Regt.).

Commissions in the General Reserve :—

(1) Finlayson, A. R. (D Coy. Inf. to Infantry G.R.).
(2) Honour B. (Artillery to Royal Artillery G.R.).
(3) Thornhill, G. A. (D Coy. Inf. to Infantry G.R.).

Certificate A.

Artillery :—

Higgs, P. R.	(Nov.)		

A Coy. Infantry :—

Proctor, E.	(Mar.)	Boyle, V. C.	(Nov.)
Wood, W. H.	„	Woolner, F. T.	„

D Coy. Infantry :—

Avery, C. H.	(Mar.)	Eason, R. P.	(Nov.)
Doidge, H. F.	„	Greer, G. J.	„
Home Gall, W. B.	„	McCabe, C.	„
Hooper, F. C.	„	Nicholls, L. B.	„
Timbrell, J.	„	Pelling, E. J.	„
Woodger, J. D.	„	Prince, J. S.	„
Barnes, W. C.	(Nov.)	Smith, F. W.	„
Blyth, R.	„	Thomson, G. G.	„
Brookes, J. A.	„	Weil, B.	„
Crowden, G. P.	„	Wills, F. P.	„

C Sec. Med. :—

Ackman, K. B.	(Mar.)	Colles, W. E. K.	(Nov.)
Hickson, E. B.	„	Collings, E. S.	„
Warrington, T.	„	Evatt, J. M.	„
Allinson, B. P.	(Nov.)	Riggall, P. R.	„
Briggs, N.	„	Rodd, A.	„
Buxton, S. S. J. D.	„	Young, C.	„

Certificate B.

Artillery :—

Trouton, D. G.	(Mar.)		

A Coy. Infantry :—

Belsham, S. J.	(Mar.)	Simmons, E. W.	(Mar.)
Fryer, H. N.	„	Taylor, W. F.	„
Nye, J. A.	„	Jones, D. L.	(Nov.)
		King, F. W.	(Nov.)

D Coy. Infantry :—

Inkpen, G. T.	(Mar.)	King, J. L.	(Nov.)
Nobbs, H.	„	Timbrell, J.	„
Home Gall, W. B.	(Nov.)	Thompson, T. F.	„

C Sec. Med. :—

Haines, G. H.	(Mar.)	Sawyer, A. W. M.	(Mar.)
		Evans, W. S.	(Nov.)

SCHOLARSHIPS (other than those awarded in the College).

The following Students holding Scholarships from other bodies entered the College in the Session 1912–13 :—

Arundel, E., Drapers' Company Scholarship ; Benns, L. C., Drapers' Company Scholarship ; Celestin, L. Arthur, Mauritius Government Scholarship ; Dickens, M. W., Chew's Foundation Scholarship (Dunstable Grammar School) ; Hooper, C. A., Gilchrist Scholarship (Turkish) ; Kularatne, P. de S., Ceylon Government Scholarship ; Mitchell, R. S. S., Dulwich College Exhibition ; Phillips, Margaret G., Univ. of Lond. St. Dunstan's Exhibition ; Scott, Alice A., Skinners' Company Scholarship.

28	Students	entered	holding	King's Scholarships from the London County Council.
10	,,	,,	,,	Intermediate London County Council Scholarships.
2	,,	,,	,,	London County Council Art Scholarships.
3	,,	,,	,,	Hertfordshire County Council Scholarships.
2	,,	,,	,,	Surrey County Council Scholarships.
2	,,	,,	,,	Essex County Council Scholarships.
1	,,	,,	,,	Middlesex County Council Scholarship.
1	,,	,,	,,	Wiltshire County Council Scholarship.
1	,,	,,	,,	Cumberland County Council Scholarship.
2	,,	,,	,,	Bradford (Yorks) County Council Scholarships.

COUNCIL OF LEGAL EDUCATION :—

Moiety of "Abe Bailey" Exhibition of £50 in Roman Dutch Law : H. A. Fagan, LL.B.

"Barstow" Scholarship : C. Gallop, LL.B.

INSTITUTION OF ELECTRICAL ENGINEERS :—

"David Salomons" Scholarship : G. G. Dawson.

SCHOLARSHIPS AND OTHER DISTINCTIONS AWARDED IN THE COLLEGE.

A. *FACULTIES OF ARTS, LAWS, SCIENCE AND ENGINEERING.*

ANDREWS ENTRANCE SCHOLARSHIPS (£30) :—

Modern Languages and History :—H. C. King of Oberrealschule, Düsseldorf.

Science :—E. M. Duke, of Queen's College, British Guiana.

Additional Scholarships (£15) :—

Modern Languages : C. Baugh of the Tottenham County School.

History and Geography : H. Hurwitz of University College, Nottingham.

ANDREWS SCHOLARSHIPS for Students of one year's standing (£30):—

Classics :—F. J. Buffard.

Mathematics and Science :—J. Mould.

Modern Languages and History :—Beatrice J. Schlumberger.

Campbell Clarke Entrance Scholarship in English (about £40 a year tenable for three years):—B. Groom of Stationers' Company's School. (3rd year.)

Chadwick Scholarship and Gold Medal in Municipal Engineering (£100):—B. G. G. Manton, B.Sc.

Donaldson Medal in Architecture:—I. B. M. Hamilton, B.A.

Fielden Research Scholarship in German (£50):—H. N. Fryer. (2nd year.)

Carey Foster Research Prize in Physics:—E. N. da C. Andrade, B.Sc., Ph.D.

Goldsmid Entrance Scholarships (£30 for three years):—
Engineering:—H. P. Gardham.
Science:—G. E. Chapman.

Goodall Art Scholarship (about £20 a year for three years):—
W. S. Hutton.

Eleanor Grove Scholarship in German (£30):—Miriam Landau, B.A.

Archibald P. Head Memorial Medal and Prize in Mechanical Engineering:—W. J. Duncan.

Heating Studentships (£61 11*s.* each):—C. H. Avery, F. Eustace.

John Oliver Hobbes Memorial Scholarship in Modern English Literature (about £20):—Hilda W. Husbands, B.A.

Hollier Scholarships (£60):—
Greek:—Irene Davis, B.A.
Hebrew:—J. Israelstain.

Jews' Commemoration Scholarship (£15 per annum for two years):—R. T. Moore.

Joseph Hume Scholarship in Jurisprudence (£20):—G. M. Green.

Bunnell Lewis Prizes in Latin Verse:—
(*a*) Latin Verse Translation from English: R. M. Scott.
(*b*) Latin Verse Translation from Greek: R. M. Scott.

Mayer de Rothschild Scholarship in Pure Mathematics (£42):—T. A. Ellis, B.Sc., G. H. Ince, *equal.*

Melvill Nettleship Prize for Figure Composition:—W. P. Roberts.

Member's Entrance Scholarship (£30 for three years):—F. B. Marsom of the City of London School.

John Stuart Mill Scholarship in Philosophy of Mind and Logic (£20):—M. Ginsberg, B.A.

Rosa Morison Entrance Scholarship (£30 for three years) :—H. Goitein of the City of London School.

Rosa Morison Scholarship in English (£30) :—Marjorie N. How.

Morley Medal in English:—B. Groom.

Physics Research Studentship (£60) :—E. T. Paris, B.Sc.

Postgate Prize in Comparative Philology :—W. A. Samerewikrema, B.A.

Quain Studentships :—English (£150 per annum) :—A. C. Wood, M.A. ; Biology (£100 per annum) :—Sarah M. Baker, D.Sc.

Quain English Essay Prize (£50) :—W. Strang, B.A.

Quain Law Professor's Prizes :—

Comparative Law Essay on "The Chief Points of Likeness and Difference in the Legal Status of Trade Unions in England and France" (£12) :—E. J. Kafka, B.A.

International Law Essay on "What classes of offences should be regarded as extradition offences, and according to what principles should they be distinguished from other offences" (£10) : A. H. Dawes, W. P. Roberts, £5 each.

Hester Rothschild Prize in Hebrew and Aramaic (£20) :—J. Mann, B.A.

L. M. Rothschild Prize in French (£20) :—Grace E. P. Furby.

Saint Pancras Scholarship :—Dorothy R. Measures.

Science Scholarship awarded by H.M. Commissioners for the Exhibition of 1851 :—W. B. Haines, B.Sc.

Slade Fine Art Scholarships (£35 per annum for two years) :—Dora Carrington. (2nd year.)

Tuffnell Scholarship in Chemistry (£80 per annum for two years) :—J. L. Lizius.

Ellen Watson Scholarship in Applied Mathematics (£15) :—G. H. Ince.

West Entrance Scholarship in English and English History (£30) :—Marjorie Woodward of the Clapham High School.

B. *FACULTY OF MEDICAL SCIENCES.*

CLUFF MEMORIAL PRIZE (about £15):—J. A. Binning.

SHARPEY PHYSIOLOGICAL SCHOLARSHIP (£105 per annum):—C Lovatt Evans, D.Sc.

MEDICAL ENTRANCE EXHIBITIONS AND SCHOLARSHIPS:—

BUCKNILL SCHOLARSHIP (£141 15*s.*) and FIRST MEDICAL ENTRANCE EXHIBITION (£57 15*s.*):—

M. H. Oldershaw, D. J. Thomas } *divided equally.*

SECOND MEDICAL ENTRANCE EXHIBITIONER:— W. Feldman.

SUMMARY OF RESULTS OF UNIVERSITY EXAMINATIONS.

January 1st to December 31st, 1913.

Examination.	No. passed from University College.	No. from Univ. Coll. in Honours
*Inter. Arts	48	
*Inter. Sci.	33	
*Inter. Sci. (Engineering)	18	
*Inter. Laws	5	
‡First Exam. Med. Deg.	22	
§Second Exam. Med. Deg. Pt. I.	20	
‖Second Exam. Med. Deg. Pt II.	23	
B.A.	43	37
B.Sc.	38	32
B.Sc. (Engineering)	15	7
LL.B.	6	5
†M.B., B.S.	12	2
M.A.		11
D.Sc.		5
LL.D.		1
†M.D.		12
†M.S.		1

* There are now no Honours at the Intermediate stage for Internal Students.

† The work for the final stage of these degrees was done at University College Hospital Medical School.

‡ Formerly Prel. Sci. (M.B.) Pt. I. Formerly Prel. Sci. Pt. II.

‖ Formerly Inter. Med.

THE EQUIPMENT AND ENDOWMENT FUND APPEAL COMMITTEE.

At the end of 1912 the Equipment and Endowment Fund Appeal Committee completed the first ten years of its work. Instead of the usual Annual Report, the Committee issued last Easter a summary of its work during the period 1902–1912, showing that the following funds and benefactions have been received in connection with the Equipment and Endowment Fund movement within that time :—

I.—ATTENDING INCORPORATION.

	£	s.	d.
(*a*) To extinguish the debt to the Bankers, the gift of the Drapers' Company	30,000	0	0
(*b*) For the reconstitution of the Medical School :			
(i) Towards cost of site	30,373	0	0
(ii) For Buildings of Medical School and Nurses' Home provided by Sir Donald Currie	100,000	0	0
(*c*) Towards Re-arrangement and Re-equipment....	9,814	0	0
(*d*) Towards a Maintenance Fund	29,443	0	0
(*e*) University College School Building Fund	59,400	0	0
Total	£259,030	0	0

[Of this total £100,000 (*b* ii) has been administered by the Donald Currie Committee, and £16,000 (part of *d*) is held on trust by the Bawden Trustees.]

II.—EQUIPMENT AND ENDOWMENT OF THE COLLEGE.

A. Gifts of Capital.

(i) Towards endowment	27,000	0	0
(ii) Towards Buildings and equipment:			
London County Council (administered by the College Committee)	10,000	0	0
Towards Engineering Equipment (administered by the Engineering Committee).....	1,020	0	0
Towards Physiology Institute (administered in part by College Committee)	11,000	0	0
Towards Pharmacology Institute by Mr. Andrew Carnegie	5,000	0	0
Towards New Chemical Laboratories	69,760	0	0

B. Gifts in Kind.

Buildings forming part of the Gower Street front, valued at	35,600	0	0
Total of Gifts of Capital and in kind..	£159,380	0	0

C. Increases in Annual Grants.

[These Grants are for terms of years.]

Exchequer Grant increased from £10,000 to £16,000.	6,000	0	0
Share of London County Council Grant to the University	3,625	0	0
Drapers' Company Grant for Applied Statistics	400	0	0
	£10,025	0	0

In view of the rapid developments and the many changes that have taken place since the Equipment and Endowment Fund Appeal Committee started its work, it was decided to prepare a Memorandum setting out afresh full particulars of the capital expenditure upon the College Site, Buildings and Equipment since the foundation of the College, and showing the needs for further development. The College Committee is under deep obligation to Dr. Bourne Benson for the preparation of this Memorandum. It was approved by the Senate for the purpose of carrying on further the work of the Equipment and Endowment Fund Appeal Committee.

Under these circumstances, it appeared desirable to reconstruct the Equipment and Endowment Fund Appeal Committee, and it was decided, with the approval of H.R.H. Prince Arthur of Connaught (President of the Chemistry Appeal Committee) to merge the Chemistry Appeal Committee in that Committee. His Royal Highness then accepted the office of President of the Equipment and Endowment Fund Appeal Committee; and the Hon. Rupert Guinness was appointed Honorary Treasurer and Chairman of the Executive Committee.

The first effort of the reconstructed Committee was to raise the necessary funds for the purchase of Professor Flinders Petrie's Collection (see p. 37). In this it has been completely successful. It is now directing its efforts to meeting the other immediate needs of the College (see Appendix I. p. 56) and will issue its Annual Report in the course of the next few weeks.

THE COLLEGE BUILDINGS.

New School of Architecture.

The completion of the new building for the School of Architecture was delayed, owing to the several strikes that took place in the course of the year 1913. In consequence of this delay, it was not possible to begin work in the new building at the opening of the session. Temporary arrangements were therefore made for the work of the School during the months of October and November. Work was begun in the new building on December 1st. The Vice-Chancellor and the members of the Architectural Education Committee held a reception in the new school on November 11th, which was attended by a large number of members of the architectural profession and of other persons interested in architectural education.

The floor plans of the new building are prefixed to this Report. It provides accommodation for upwards of one hundred Students, and

includes:—three large Studios (50 ft. sq.; 35×22 ft.; 27×29 ft.), a Museum, 50 ft. sq.; a Cast Gallery, 48 ft. × 28 ft.; a Library, 35 ft. × 22 ft.; a Lecture Theatre, 46 ft. × 28 ft., with two screens for double lanterns; a Class Room, 27 ft.×19 ft.; and an Entrance Hall, 27 ft.×19 ft. There are also Private Rooms for Professors and Lecturers, a Diagram Room, Dark Room, Cloak Rooms, Lavatories, and additional rooms for new developments, which can be utilised as required. It is intended to use some of these rooms at an early date for a Department of Town Planning.

The new building has been beautifully fitted at the expense of, and under the direction of, the donor. At the suggestion of the King's College Delegacy, the Senate decided to transfer from that College to the new building the beautiful Eighteenth Century Doorway that had for some years formed part of the Architectural equipment at King's College; this has been worked in to the Entrance Lobby, and adds considerably to its effectiveness. The College Committee have conveyed to the King's College Delegacy warm appreciation of their action in this matter.

New Building for Department of Applied Statistics and Eugenics.

The plans for the extension of the North-west Front of the College for the purpose of housing the Department of Applied Statistics and Eugenics (including the Biometric and Galton Laboratories) have been approved, and the erection of the building has been begun. It is expected that it will be ready for occupation not later than the beginning of the session 1914–15.

New Chemical Laboratories.

The structure of the new Chemical Laboratories is approaching completion. Owing to the various delays that have taken place in the works connected with the Laboratories, and owing also to the fact that the funds for the fittings and equipment are not yet forthcoming, it is not likely that these buildings will be ready for use until the beginning of the session 1914–15. It is earnestly hoped that the completion of the scheme, and the opening of the Laboratories, may not be delayed beyond that period.

Proposed New Great Hall.

It has not been possible to proceed with the adaptation of the building formerly known as All Saints Church, owing to the lack of funds for the purpose. Plans for its reconstruction have been prepared, and the works can be proceeded with as soon as the money is forthcoming. The need for a Great Hall is a very urgent one.

The Octagon.

The scheme of re-flooring and re-decoration recorded in the last Report as having been carried out in the South Cloisters, through the benefaction of Mr. and Mrs. Walter Baily, has been extended. The Octagon in the centre of the Main Building has been re-floored and re-decorated on a similar plan. The opening to the Flaxman Gallery for light and air has been restored, to the great improvement, both of the Octagon on the Ground Floor and of the Flaxman Gallery.

Fire Protection.

The valuable collection of Egyptian antiquities recently acquired and the Libraries urgently require better protection from fire. This may involve considerable expense and the College Committee are anxious to initiate this work as soon as funds can be obtained.

Superintendent of Buildings.

In view of the continued growth of the College Buildings, the College Committee have instituted the office of Superintendent of Buildings. They have been fortunate in securing the services of Mr. H. Wesley Voysey, who has had a wide experience in such matters, for that office.

BENEFACTIONS AND DONATIONS.

The College Committee have to record the following Benefactions, for which they make grateful acknowledgment:—

The London County Council have made a further Grant of £300 in support of the Sub-Department of Heating and Ventilating Engineering.

The Worshipful Company of Drapers have continued their generous support of the work carried on in the Biometric Laboratory under the direction of Professor Karl Pearson.

The Worshipful Company of Carpenters, who have for many years made an Annual Grant of £250 for the work of the Department of Architecture at University College, have made a grant of £300 for the year 1913–14 in support of the work of the new School of Architecture.

The Chadwick Trustees have made a grant of £250 a year for three years for the work of the Departments of Municipal Engineering and of Hygiene. They have also decided to continue the award of the Chadwick Medal, to which will be added a Prize of Five Pounds, provided out of the grant made by the Trustees.

The Rhodes Trustees have made a grant of £100 for three years towards the development of the work of the Department of Constitutional Law and Colonial Constitutional Law. Reference is made in another section of this Report to the Lectures that have been organised with the aid of this grant.

The Crabb Robinson Trustees have continued to support the social and athletic life of the Students by making grants of £210 for various Students' purposes, of which £125 was granted for the two Athletic Grounds.

Professor Sir William Ramsay has generously presented, through Professor Collie, a sum of Five Hundred Pounds for the purpose of purchasing books and periodicals for the Chemical Library that is to be organised in the new building, to be selected by Professors Collie and Donnan.

Reference is made in another section of this Report to the generosity of the friends of the College who subscribed so liberally to the fund raised for the purchase of Professor Flinders Petrie's Collection of Egyptian Antiquities.

An anonymous donor has offered through Mr. Aylmer Maude, a sum of £100 a year for three years for the foundation of a Lectureship in Palæobotany, on condition that a like sum be provided from College Funds. This offer has been accepted on the terms mentioned, and Dr. Marie Stopes has been appointed to the Lectureship.

Mr. A. J. Macgregor has instituted a Research Scholarship in connection with the Department of Zoology, of the value of £50 a year, such Scholarship to form a Memorial to his son, the late Mr. Percy F. Macgregor, formerly Assistant in the Department. Regulations governing the award have been approved, and Miss Margaret Tribe has been appointed the first Percy F. Macgregor Research Scholar.

An anonymous friend of the College has offered a sum of £30 for the next three years, to be devoted to the institution of an Entrance Scholarship for a Student who is prepared to read for the Classical Honours B.A. This offer has been accepted, and the Scholarship has been awarded.

The Rosa Morison Memorial Committee have allocated a portion of the funds at their disposal to the institution of the Rosa Morison Bronze Medal, to be awarded annually by the College Committee to the most distinguished third-year undergraduate Student of each year, either in the Faculty of Arts or of Science.

Mrs. John Richard Green has continued to support the teaching of Celtic by raising a further sum of £50 for that purpose.

The Rev. C. Edmund Brocklebank has shown his continued interest in the astronomical work of the Department of Applied Mathematics by making a donation of £25 towards the establishment of an Observatory.

Mr. J. Rose-Innes has made further donations, to the amount of £62, for use in connection with the Joule-Thompson apparatus presented by him to the Department of Physics.

Miss Marion Chadwick has made a gift of the following :—(i) A Ring containing a miniature of Jeremy Bentham, which was formerly the property of the late Sir Edwin Chadwick ; (ii) A small Bronze Medallion with the head of Jeremy Bentham ; (iii) An Amethyst Seal (unmounted) with the head of Jeremy Bentham ; and (iv) a document entitled "General Index" in Jeremy Bentham's own handwriting.

The Italian Government has made a gift of Books to be awarded as prizes at the end of the session in connection with the classes in Italian.

The following gifts have been made for the Department of Applied Statistics and Eugenics :—(i) £30 for the general purposes of the Galton Laboratory, from an anonymous donor; (ii) a Cast of the Statue of Napier of Merchistoun (inventor of logarithms) for the Biometric Laboratory; and (iii) a Lecture Room Clock, both presented by Mrs. H. P. Cobb ; (iv) various Pictures, Deeds, and Photographs bearing on the history of the Galton and Darwin Families for the Galton Laboratory.

Dr. Alan Gardiner has given £10 ; Sir Herbert Thompson, Bart., £5 5*s.* ; and Professor Flinders Petrie, £9 15*s.* (making a total of £25) for the purposes of the Edwards Library.

Mr. N. de G. Davis has presented a Collection of Casts and Sculptured Hieroglyphs for the Department of Egyptology.

Mr. Herbert Batsford, through Mr. Arthur Stratton, has offered a Collection of Original Architectural Drawings, made between 60 and 90 years ago, for the School of Architecture, and this offer has been accepted.

Mr. Robert J. Lester has given Four Plaster Casts for the Slade School.

Mr. H. J. C. Turner, a former Student, has presented a Disarticulated Skeleton of a Tiger for the Osteological Collection of the Department of Zoology.

Messrs. Merryweather have presented a Hatfield Pump for the Department of Mechanical Engineering.

The benefactions to the Libraries, including the Mocatta Library, will be found in another section of this Report. (See Appendix IV, p. 61.)

A complete list of pecuniary grants made to the College during the year is given in Appendix III., p. 59. The Committee desire to express the obligations of the College to the Bodies making these Grants.

PROFESSOR PETRIE'S COLLECTION OF EGYPTIAN ANTIQUITIES.

It was recorded in the last Report that Professor Flinders Petrie had generously offered to transfer his unique Collection of Egyptian Antiquities to the University, for the benefit of the College, for a sum of £5,985; this figure was subsequently reduced by Professor Petrie to £5,850.

The Collection is best described in the words of the Professor himself, quoted last year:—

> "During the past twenty-five years I have had opportunities of purchasing antiquities in Egypt, owing to living among the people and owing to understanding the age and meaning of much that is outside the ordinary line. I have always bought unusual things rather than those which can be commonly obtained; hence the collection is largely supplementary to the national collection, and consists of objects for study rather than for popular show. . . . The value of antiquities has risen very greatly . . . the original purchases were all at low prices, owing to knowing the dealers and the country well."

In the course of the year 1913, a sum of £6,844 19*s.* 0*d.* was raised for the purchase and maintenance of this Collection. In this figure is included the munificent sum of £4,000 subscribed by a benefactor who desires to remain anonymous, £1,000 subscribed by Mr. Robert Ludwig Mond and £1,000 by Mr. Walter Morrison. The remainder of the fund includes the following:—Mr. Charles Hawksley, £200; The Right Hon. Sir Ernest Cassel, £100; Mr. Jesse Haworth, £100; The Right Hon. Lord Iveagh, £100; Mr. Alan H. Gardiner, £50; Mrs. Seligman, £50; Mr. Marcus van Raalte, £50; Miss Ella Mocatta, £30; Mr. Henry van den Bergh, £20; The Rt. Hon. the late Viscount Knutsford, £15 15*s.*; Mrs. Samuel, £15; Sir Henry Thompson, Bart., £10 10*s.*; The Egypt Exploration Fund, £10 10*s.*; The Rt. Hon. Lord Fitzmaurice, £10; Miss M. Brodrick, £10; Mr. Charles Heape, £10; Mr. John Schwartz, Jnr., £10; Mr. Percival Hart, £5 5*s.*; Dr. F. Wyatt-Smith, £5 5*s.*; The Principal of King's College, £5; Lady William Cecil, £5; Mr. F. Ll. Griffith, £5; Mr. B. Elkin Mocatta, £5; Mrs. Riddel, £5; together with several smaller donations.

The College Committee takes this opportunity of tendering its grateful thanks to the friends who have thus come forward and enabled the University to acquire this unique teaching collection and to maintain it intact for the promotion of teaching and research in Egyptian Archæology at University College.

Deducting the purchase price and expenses incidental to the transfer of the Collection, the amount subscribed, including accrued interest, leaves a capital sum of £978 15*s.* 2*d.*, available for the maintenance and development of the Egyptology Collection.

Professor Petrie formally transferred the collection to the College Committee, acting on behalf of the University, on October 15th.

The following Resolutions have been adopted by the Senate :—

(1) That the thanks of the Senate be given to Professor Flinders Petrie for offering to the University the Egyptian Collection on which so much of his life's work has been spent at a cost not exceeding his outlay upon it.

(2) That the note attached at Professor Petrie's request to his receipt for the price in order to express the condition respecting the non-dispersal of his Collection, subject to which his offer to sell it to the University was made and accepted, be recorded and observed.

CHANGES AND RE-APPOINTMENTS IN THE TEACHING STAFF.

Faculty of Arts.

1. Professor Elsey Smith has been transferred from the staff of King's College to the new University School of Architecture with the status of "Professor of Architecture and Building Construction at University College." Mr. Arthur Stratton has also been transferred from King's College, as Lecturer. Dr. J. J. Burnet has been re-appointed Special Visitor for the Academic Design Class ; Mr. Leonard Stokes and Mr. Edward Warren, Visitors to the Evening Design Class.

2. Professor E. A. Gardner has been re-appointed Yates Lecturer in Archæology for the Session 1913–14.

3. Dr. T. Gregory Foster has been re-appointed Lecturer in English for a further period of three years.

4. Dr. T. G. Pinches has been re-appointed Lecturer in Assyriology for a further period of three years.

5. Dr. F. W. Thomas has been re-appointed Lecturer in Comparative Philology for the Session 1913–14.

6. Mr. Edmund G. Gardner has been re-appointed Barlow Dante Lecturer for a further period of three years.

7. Mr. A. W. Flux has been appointed Newmarch Lecturer for the Session 1913–14.

8. Mr. C. P. Caspersz and Mr. C. D. Steel have been appointed Lecturers in Bengali and in Hindustani and Hindi respectively.

9. Mr. Havard Thomas has been re-appointed Teacher of Sculpture for the Session 1913–14.

10. Mr. Ambrose McEvoy, a former Student, has been appointed an Assistant in the Slade School for the Session 1913–14.

11. At Professor T. W. Arnold's request, Dr. Ahmad Khan has been appointed to act as his deputy during the present session.

12. Emeritus Professor Sully has resigned his Lectureship in Aesthetics.

13. Mr. Roger Fry has resigned his Lectureship in the History of Art. He has been succeeded by Dr. Tancred Borenius, who has been appointed for a period of three years.

14. Mr. Gerald Gould has resigned the Quain Studentship in English, and Mr. A. C. Wood has been appointed as his successor.

15. Mr. H. J. Harris has been re-appointed Censor of Higher Civil Service Studies for the Session 1913–14.

16. Mr. L. Solomon has been re-appointed Sub-Dean of the Faculty for the Session 1913–14.

17. Mr. Norman Baynes, a former Student, has been appointed Assistant to the Reader in Ancient History, with special reference to the work of the Evening School of History.

18. Dr. Lankes has been appointed an Assistant in the Department of Philosophy and Psychology for the Session 1913–14.

19. Mr. Stephen Jones has been appointed an additional Assistant in the Department of Phonetics, with special reference to the work in Instrumental Phonetics, for the Session 1913–14.

20. Miss L. Parnell has been appointed Honorary Demonstrator in the Department of Geography for the remainder of the Session 1913–14.

21. The following Assistants have been re-appointed for the current Session:—

Architecture	Mr. Leslie Wilkinson (Assistant Professor).
Egyptology	Miss M. A. Murray.
	Dr. J. H. Walker.
English	Dr. R. W. Chambers (Assistant Professor).
	Mr. J. H. G. Grattan.
Fine Art	Mr. H. Tonks (Assistant Professor).
	Mr. D. Lees.
	Mr. W. Russell.
	Mr. P. W. Steer.
	Mr. G. Thomson (Lecturer).
French	Mr. P. V. Thomas.
German	Mr. A. G. Haltenhoff.
Greek and Latin	Mr. L. Solomon.
History	Dr. Rachel Reid.
	Mr. E. A. Fulton.
Mathematics(Applied)	Mr. G. B. Jeffery.
	Mr. M. T. M. Ormsby.
Mathematics (Pure)..	Mr. J. H. Dibb.
	Mr. H. J. Harris.
	Mr. F. Jackson.
	Mr. R. G. Lunnon.
Philosophy and Psychology	Mr. J. Flügel.
Phonetics	Mr. G. Noel-Armfield.
Sanskrit.....	Mr. J. Allan.

22. Professor G. Rudler (University Professor of Modern French Literature); Professor P. T. Mantoux (University Professor of Modern French History and Institutions); Professor R. Elsey Smith (Professor of Architecture and Building Construction); Captain G. P. A. Phillips (Lecturer in Military Science); Mr. J. Flügel (Assistant in Department of Philosophy and Psychology); and Mr. P. V. Thomas (Assistant in Department of French) have been appointed members of the College Faculty of Arts.

FACULTY OF SCIENCE.

1. The terms of the Readerships in Plant Cytology and Thermodynamics, held by Mr. T. G. Hill and Mr. A. W. Porter respectively, have been revised, and the appointments thereto have been fixed for five years as from September 1st, 1912.

2. Dr. Marie Stopes has been appointed to the newly-established Lectureship in Palæobotany for a period of three years.

3. Miss Winifred Smith, Tutor to Women Students, has been appointed Lecturer in Taxonomy for a period of three years.

4. Dr. W. C. McC. Lewis resigned his office of Assistant in the Department of Chemistry, on being appointed to the Brunner Chair of Physical Chemistry at Liverpool; Dr. Roland E. Slade has succeeded him.

5. Dr. C. H. O'Donoghue has been appointed Senior Assistant in the Department of Zoology and Comparative Anatomy; Mr. P. F. Macgregor, formerly Demonstrator, was appointed Junior Assistant, but news of his untimely death was received in August, 1913. Miss Katharine Parker has been appointed Junior Assistant to the end of the present Session.

6. Dr. David Heron has been re-appointed Assistant-Director of the Galton Laboratory; Miss E. M. Elderton, Galton Research Fellow; and Miss Amy Barrington, Assistant in the Galton Laboratory. Miss B. M. Cave-Browne-Cave has been appointed a Probationary Assistant to the end of the Session.

7. Dr. Paul Haas has been appointed Assistant in the Department of Physiology for the Session 1913–14.

8. Mr. H. J. Harris has been re-appointed Sub-Dean of the Faculty for the Session 1913–14.

9. The following Assistants have been re-appointed for the current Session:—

Applied Statistics ..	Miss Julia Bell.
	Mr. H. E. Soper.
	Miss E. Y. Thomson.
Botany	Mr. E. M. Cutting.
	Mr. C. M. Green.
Chemistry	Dr. R. Whytlaw-Gray (Assistant Professor).
	Dr. S. Smiles (Assistant Professor).
	Miss K. A. Burke.
	Dr. W. B. Tuck.
	Mr. I. Masson.
Geology	Miss E. Goodyear.
Physics	Mr. N. Eumorfopoulos.
	Dr. A. O. Rankine.
	Mr. D. Orson Wood.
Zoology	Mr. F. J. Bridgman.

10. The following Demonstrators have been appointed:—

Chemistry;—Mr. H. Terrey (Organic and Applied), Mr. H. F. Doidge, Mr. Y. Heyrovsky, Mr. C. G. Hutchison, Mr. V. Lefebure, Mr. W. W. Reeve, Mr. F. Reynolds, Mr. H. V. Tattersall, Mr. J. L. Twort, Mr. H. J. P. Venn, and Mr. G. N. White.

Geology	Mr. E. W. Simmons.
Physiology	Miss Ruth Skelton.

11. Dr. C. H. O'Donoghue, Senior Assistant in the Department of Zoology and Comparative Anatomy, has been appointed a member of the College Faculty of Science.

Faculty of Engineering.

1. Professor J. D. Cormack has been appointed to the Chair of Civil Engineering and Mechanics in the University of Glasgow and has resigned the Chair of Mechanical Engineering. It is expected that his successor will be appointed shortly.

2. The College Committee have continued for the Session 1913-14 the temporary arrangements for the work of the Chair of Civil Engineering. In accordance therewith, Mr. H. Deans lectures on Railway Engineering; Mr. A. T. Walmisley on Waterways, Docks, and Maritime Engineering; and Mr. M. T. M. Ormsby on Surveying.

3. Mr. A. H. Barker has been re-appointed Lecturer in Heating and Ventilating Engineering for the Session 1913–14.

4. Mr. E. Kilburn Scott has been re-appointed Lecturer in Electrical Design for the Session 1913–14.

5. The following Assistants have been re-appointed for the Current Session:—

Electrical Engineering . .	Mr. W. C. Clinton (Assistant Professor). Mr. P. R. Coursey.
Mechanical Engineering .	Mr. W. J. Goudie (Assistant Professor). Mr. H. P. Philpot (Assistant Professor). Mr. E. Sprague.

6. The following Demonstrators have been appointed for the current Session:—

Mechanical Engineering . .	Mr. D. W. Fletcher and Mr. A. H. Hewett (appointed Jan. 1914).

Faculty of Medical Sciences.

1. Sir Victor Horsley has resigned his Lectureship in Experimental Neurology.

2. The terms of the Readerships in Applied Physiology and in Physiological Chemistry, held by Dr. G. A. Buckmaster and Dr. R. H. Plimmer respectively, have been revised, and the appointments thereto have been fixed for five years as from September 1st, 1912.

3. Dr. A. J. Clark on his appointment to the Lectureship in Pharmacology at Guy's Hospital, resigned the office of Assistant in the Department of Pharmacology, and Mr. J. W. C. Gunn was appointed to succeed him for the Session 1913–14.

4. The following Assistants have been re-appointed for the current Session :—

Hygiene	Dr. J. Sherwood New.
Pathological Chemistry .	Dr. F. W. Goodbody (Assistant Professor).

5. Mr. A. Goodwin and Mr. G. W. R. Rudkin have been appointed Assistant Demonstrators in the Department of Anatomy for the current Session.

THE WORK OF THE FACULTIES.

The Deans' Reports, which are printed in the Calendar, deal with the chief events of the Session 1912–13. The more important of these, and other more recent events, are referred to briefly below.

The Session 1912–13 was brought to a close with an Assembly, at which the Scholars, Medallists, and Prizemen were presented to Professor Sir Rickman J. Godlee, Bart., President of the Royal College of Surgeons, who delivered an address. A report of the proceedings is printed in the Calendar.

The Session 1913–14 was opened with the following series of Public Introductory Lectures :—

Prof. Flinders Petrie, D.C.L., LL.D., F.R.S., on "Early Cylinders and Scarabs."

T. G. Pinches, LL.D., on "Progress and Discoveries in the Realm of Assyriology." Illustrated by Lantern Slides.

Prof. E. A. Gardner, Litt.D., on "Art, Ancient and Modern."

Prof. L. M. Brandin, L. ès Lettres, Ph.D., on "Origines des Chansons de Geste."

Prof. R. Priebsch, Ph.D., on "Wolfram von Eschenbach."

Edmund G. Gardner, M.A., on "The Inferno."

Margaret A. Murray, on "Primitive Religion in Egypt."

Mabel H. Bode, Ph.D., on "The Pali Sacred Text *Petavatthu*, with Dhammapâla's Commentary (5th Century A.D.)."

Prof. L. W. Lyde, M.A., on "Geographic Control and the Specialisation of Man."

E. A. Fulton, M.A., on "The Colonial Expansion of English Institutions."

Prof. G. Dawes Hicks, M.A., Litt.D., Ph.D., on "The Philosophy of William James."

Prof. C. Spearman, Ph.D., on "Mental Energy."

Carveth Read, M.A., on "The Range of Consciousness in Organic Nature."

Daniel Jones, M.A., on "The Pronunciation of Chinese," and on "The Use of Phonetics."

Prof. Sir John Macdonell, C.B., LL.D., on "The Uncertainty of Law; a Retrospect and the Outlook."

Prof. R. W. Lee, M.A., B.C.L., on "Roman Dutch Law in British Guiana."

Prof. A. F. Murison, M.A., on "The Early Course of Roman Legal History."

A. E. Richardson, F.R.I.B.A., on "The Work of the English Architects of the 18th Century and of the Neo-Classic School of the 19th Century."

Marie Stopes, D.Sc., Ph.D., on "The Palæobotanist, his Past and Future."

Prof. W. M. Bayliss, M.A., D.Sc., F.R.S., on "The Scope of General Physiology."

A. W. Flux, M.A., F.S.S., on "The National Output, as shown by the First Census of Production."

A. H. Barker, B.A., B.Sc., on "The Reading of a Thermometer."

The total number of persons attending Public Lectures (either single Lectures or Courses) during the Session 1912–13 was upwards of 3000.

Co-operation with the London County Council.

The arrangement with the London County Council, whereby students of the London Day Training College take their Degree Courses at University College has now been in operation for nearly eleven years with increasing success. Of the Students who entered in the eighth year 17 completed a full three years' course and took their degrees; of these 9 graduated in Arts (B.A.), all taking Honours, and 8 graduated in Science (B.Sc.), 4 taking Honours.

The Committee have been glad to co-operate with the London County Council in providing University Courses for Teachers in Phonetics (English, French, German, and Experimental), History (in the Evening School of History), the Teaching of Geography, Greek Art, Experimental Pedagogy, Experimental Psychology, and School Hygiene. The 14 Courses that have hitherto been held this Session have been attended by about 495 Teachers.

Postgraduate Courses.

The further organisation of Postgraduate Courses recorded in the last Reports has proceeded during the past Session. A special Prospectus of Postgraduate Courses has again been issued and is to be found in the Calendar.

Publications.

The lists of Original Papers and other Publications during the year 1912–13 are appended to this Report. (See Appendix V. pp. 65–81.)

FACULTY OF ARTS.

During the last Session 168 students of other Colleges attended Intercollegiate Courses in the Faculty of Arts in this College, and 105 students of this College attended similar Courses at other Colleges.

The work of all departments of the Faculty continues to progress and the growth in the number and size of the classes makes it more difficult each year to provide adequate accommodation for them in the lecture-rooms which are at present at the disposal of the Faculty.

The Arts Libraries, especially the History and English Libraries, are likewise cramped for space and their requirements will have to be met in the near future. A special Committee is considering the urgent needs of the several departments in this connection, and it is hoped that a re-arrangement and re-allocation of rooms may effect a great improvement as soon as the new buildings, at present in

course of construction, are ready, and the rooms at present occupied by the Departments of Applied Statistics and Chemistry are set free for other purposes.

Classics. The foundation of an additional Entrance Scholarship "for a Student who is prepared to read for the Classical Honours B.A.," which has been provided through the generosity of a friend of the College who desires to remain anonymous, is a valuable addition to the resources of the Faculty.

French and Romance Philology. The appointment of Professor Rudler as University Professor of Modern French, and the Courses of Inter-collegiate Lectures resulting therefrom, will give a great impetus to the work of the Department of French Language and Literature. The new Professor has been at work since the beginning of the current session, and there is already evidence of the value of his work. Professor Brandin is at present delivering a Course of Five Public Lectures on "Harmonie du Vers français," following up the Public Course that he delivered last term on "Les Chansons de Geste." Miss Barbara Smythe's lectures on "The Music of the Trouvères and Troubadours," delivered during the Second Term of last session, created such interest that Miss Smythe has been invited to deliver two further lectures during the current term, and has chosen as the subject of those lectures "Adam de la Hale."

German. Professor Priebsch is happily once again restored to health and has resumed the work of his Chair.

Italian. The Italian Government has shown its interest in the work of the Department of Italian Language and Literature by making a gift of Prize Books for award at the end of the Session in connection with the work of the Classes. Dr. Cippico, the Lecturer, is delivering a Course on "Cellini's Vita," and Mr. Edmund Gardner, Barlow Lecturer on Dante, a Course on "The Inferno."

Celtic Language and Literature. Through the continued interest of friends, the College has been enabled to continue teaching in this subject. Mr. R. E. W. Flower has been appointed to conduct Classes in Irish during the Session 1913–14 and is at present holding two Courses in this Subject.

Phonetics. The work of the Departments of Modern Languages is supplemented and aided by the Courses in Phonetics. This Department continues to make rapid progress, and the work has so increased that Mr. Stephen Jones has been appointed as an additional Assistant. The programme of the present session includes Courses in English, French, and German Phonetics, in the Pronunciation of Chinese, in Instrumental Phonetics (in connection with which a Laboratory has been established), and in Phonetics for Missionaries, in addition to classes for Research Work and a Special Course in Spoken English for Foreign Students. Mr. Daniel Jones is delivering a Course of Public Lectures. A further Public Lecture on "The Use of Phonetics in Curing Speech Defects" was delivered, by special invitation, by Dr. E. W. Scripture. Last winter, Mr. Daniel Jones went to India on a lecturing tour, which was conducted under the auspices of the three Universities of Madras, the Punjab, and Bombay. A short leave of absence was granted to enable Mr. Jones to accept the invitation, during which time Mr. Noel-Armfield carried on the work of the Department.

History. The appointment of Professor Mantoux to the newly-established University Chair of French History and Institutions gives a stimulus

to the work of the Department of History. Professor Mantoux delivered a Course on "Burke's Work on the French Revolution" at the College last term.

The work of the Evening School (maintained with the assistance of the London County Council) affords another record of continued progress. Mr. Norman Baynes, a former Student, has been appointed Assistant to the Reader in Ancient History in this connection, thus leaving Mr. Caspari free to conduct a newly-instituted Seminar Course in that branch. Public Lectures have been arranged as follows:—In the First Term, "The Colonial Expansion of English Institutions," by Mr. E. A. Fulton; in the Second Term, "Parliament under the Tudors," by Professor Pollard; while in the Third Term, Dr. Rachel Reid will lecture on "The Individualism of the Renaissance."

Indian School.

The development of the organisation of Indian and Oriental Studies is likely to be influenced in the near future by the decisions of the Royal Commission on Public Services in India and of Lord Cromer's Committee on that subject. Professor J. W. Neill was appointed the representative of the College to attend before the Royal Commission and to give evidence. The University has been asked by the Commission to draw up a Three-Years Course of Study, to be followed by an Examination, on which a degree would be given, with an Intermediate Examination after the first year. A Joint Sub-Committee has been appointed to prepare a report to the Academic Council on the subject, on which the Provost, Professor Neill, and Professor Arnold represent the Indian School. Professor Arnold has found it impossible to devote the requisite amount of time to the duties of his Chair this session, owing to the important literary work that he has undertaken, and the Committee has approved of the appointment of Dr. Ahmad Khan as his deputy to carry on the classes in Arabic. Professor Arnold delivered a further Course of Public Lectures on "Islam in India" in the Third Term of last session.

Egyptology.

The Training Course in Egyptology is now a recognised feature of the work of that Department, and is gaining recruits each year. The work of the British School of Archæology in Egypt lay last session within forty miles south of Cairo. Continuing on the ancient site at Tarkhan, excavated in the previous year, fully a thousand graves were revealed. Being the graves of poorer people, they had been little touched by robbers, and sufficient was found of the burials to show the position of 970 bodies and to measure over 600 skeletons. As these were nearly all within a century, this group is the largest record of accurately dated remains that have ever been measured. A few miles to the south the cemeteries of the XIIth and XIIIth dynasties at Riqqeh—including that of Gerzeh—were thoroughly cleared. The main results were a group of jewellery exhibited at the Annual Exhibition at the College, and the painted rock-tomb and coffins copied by Mrs. Flinders Petrie. Some immense pits were cleared, which contained massive stone chambers like those of pyramids, probably of the XIIth dynasty. After the above excavations were closed, further work was done at Memphis—clearing an acre and a half of the great site of the temple of Ptah, where many sculptures were found, and also clearing many houses and workshops in the city, which contained much of technical interest. (See also p. 37.)

The activities of the Slade School have been well maintained, as

Slade School.

evidenced by the work actually done within its walls and by the work of present and past students exhibited at the New English Art Club and other public exhibitions. A further evidence of its strength is the gaining of the British School of Rome Scholarship, after a very keen competition, by Mr. Colin E. Gill. A Class in Ornamental Design has been instituted under the direction of Mr. Sydney Mawson, and has made a good beginning. In order to develop this as a permanent part of the work of the Slade School additional rooms are necessary. On this, and on general grounds, the needs of the Slade School for further accommodation have become pressing. The matter is at present occupying the attention of the College Committee, and they expect to issue a report upon the matter very shortly. In the course of their investigation it appears that the needs of the Slade School can be adequately met by allotting to it the whole of the upper portion of the North Wing. This would involve finding entirely new quarters for the Department of Botany and for some portions of the Department of Zoology. An alternative scheme would be to provide entirely new buildings for the Slade School and adapt the present buildings for other purposes.

School of Architecture.

The combination of the University College and King's College Schools of Architecture has been effected, and is recorded elsewhere (p. 33). The School of Architecture, as organised under the new conditions, began work in the new Buildings on December 1st.

The College Committee will be assisted in the management and development of the new School by the Architectural Education Committee. The following is the constitution of the first Architectural Education Committee :—The Chancellor, the Rt. Hon. Lord Rosebery, K.G., K.T., D.C.L., LL.D., F.R.S.; the Vice-Chancellor, W. P. Herringham, M.D. (Chairman); the Chairman of Convocation, Sir Edward H. Busk, M.A., LL.B.; the Principal of the University, Sir Henry A. Miers, M.A., D.Sc., F.R.S.; Sir Herbert H. Bartlett, Bart.; Prof. S. D. Adshead, F.R.I.B.A.; Reginald Blomfield, President R.I.B.A., A.R.A., M.A.; J. J. Burnet, A.R.S.A., LL.D., F.R.I.B.A.; Prof. W E. Dalby, M.A., B.Sc., M.Inst.C.E., M.Inst.M.E., A.M.Inst.N.A., F.R.S.; Ernest Newton, A.R.A., Vice-President R.I.B.A.; Hon. R. C. Parsons, M.A., M.Inst.C.E., M.Inst.M.E., A.Inst.E.E.; the Principal of King's College, Ronald M. Burrows, D.Litt.; the Provost of University College, T. Gregory Foster, B.A., Ph.D.; Prof. A. Schuster, Ph.D., LL.D., D.Sc., Sc.D., F.R S; Prof. F. M. Simpson, F.R.I.B.A.; John Slater, B.A., F.R.I.B.A.; Prof. R. Elsey Smith, F.R.I.B.A.; Andrew T. Taylor, F.R.I.B.A., R.C.A., L.C.C.; Edward Warren, F.S.A., F.R.I.B.A.

The Carpenters' Company Course of Public Lectures on "The Work of the English Architects of the 18th Century and of the Neo-Classic School of the 19th Century" was delivered by Mr. A. E. Richardson. The Master of the Worshipful Company of Carpenters, Mr. John Hooke, presided at the first lecture. There was an average attendance of 92 at the Course.

The Architectural Education Committee, with the support of the Senate, are taking steps to ensure at an early date the creation of a Department of Town Planning under the direction of a Professor or Reader.

University Courses of Lectures.

Among the University Courses of Lectures which have been held at the College may be mentioned two Public Lectures on "Numbers

in History," by Professor Hans Delbrück of the University of Berlin. The Committee welcomes the opportunity of providing at the College accommodation for University Lectures by distinguished foreign Professors.

FACULTY OF LAWS.

The Intercollegiate arrangements in the Faculty of Laws continue to work satisfactorily. The number of Students of the whole Faculty is increasing each year. The larger number last year entered at King's College. Of the Students registered at University College, six took the LL.B. degree, five obtaining Honours.

The most important event in connection with the Faculty during the past session has been the provision of a special endowment by the Rhodes Trustees of £100 a year for three years for the development of the work in Colonial Constitutional Law. The first Course of Rhodes Lectures was given by Mr. J. H. Morgan in the First Term of the current session. The Chair was taken at the Inaugural Lecture by the Right Hon. the Lord Chancellor, who made an important announcement on this occasion as to the possible development of the functions and duties of H.M. Privy Council. The second Course of Rhodes Lectures will begin on February 24th, the subject being "Federal Government." The Course will be given by Mr. J. H. Morgan and the Rt. Hon. Viscount Morley of Blackburn has consented to preside at the first lecture.

Two Public University Lectures were delivered in the Third Term of last session on "The Law of the Twelve Tables," by Professor Girard of the University of Paris. Professor Sir John Macdonell has continued his Public Courses on Comparative and International Law, and has delivered lectures on the following subjects:—"Recent Legislation respecting Combinations of Capital and Labour;" "The Uncertainty of Law: a Retrospect and the Outlook;" and "Legal Procedure studied Comparatively and as illustrated by certain Historical Trials."

FACULTY OF SCIENCE.

During the last Session 28 Students of other Colleges attended Intercollegiate Courses in the Faculty of Science in this College, and 11 Students of this College attended similar Courses at other Colleges.

Applied Statistics and Eugenics.

By accepting the offer of the donor to utilise part of the new buildings that he is erecting for the Department of Applied Statistics and Eugenics, the Senate has decided to permanently house this Department within the College. As a sequel to this, the Department has been placed under the general management of the College Committee, with the assistance of the Galton Sub-Committee, of which Mr. Wheler-Galton and Major Leonard Darwin are members. Under this arrangement the administration of the whole Department will be carried out through the College organisation, and the accounts of the Department will in future be included in the College accounts, thus making these accounts a complete record of the expenditure on the work done within the College buildings.

A Course of Public Lectures has been organised for the current

term, and will deal with the following topics:—The Graduated Character of Mental Defect and the need for Standardising Judgments as to the Grade of Feeble-mindedness which shall involve Segregation; Points in Connection with the Fall in the Birth-rate; Infant Mortality in a Manufacturing Town: The Inheritance Factor in Insanity; The Handicapping of the First-born; and Some Recent Misinterpretations of the Problem of Nature and Nurture.

The further rapid development of the Department may be looked forward to next session, when work should be begun in the new buildings. These, as planned, may be expected to meet the needs of the Department for many years, with the sole exception that no provision is made in them for animal breeding. The College Committee is considering the provision of temporary quarters to enable Professor Pearson to carry out this portion of the work, which appears to be essential to a full realisation of Sir Francis Galton's intention.

Botany. With the help of the National Trust, and of private benefactors, the Botanical Research Station at Blakeney, Norfolk, may be regarded as a permanent institution for some years to come. Blakeney Point has been the theatre of systematic vegetation studies. The work of collecting and correlating the data of plant distribution was entrusted to a special "floristic section" under the leadership of Dr. E. J. Salisbury. A communication, embodying the results of the work and dealing with the topography and vegetation of the Point, with illustrations, has been issued as a special pamphlet by Professor F. W. Oliver. An important contribution on the same subject appeared in the "Journal of Ecology" in March 1913. The work of the Department of Botany has been strengthened by the institution of lectureships in Palæobotany and Taxonomy.

These developments, together with the large number of Students at present at work in the Department, bring the question of its housing into the forefront among the problems that must shortly be settled. The questions of the housing of this department and of the additional space required for the Slade School are closely related. (See p. 46.)

Zoology. A similar question arises in relation to the Department of Zoology, which is at present so overcrowded that there is no room for additional Students. The work of the Assistant Staff and of the Research Students is also hampered by the like cause. At least two of the rooms at present occupied by the Department of Zoology form the natural and proper extension to the Slade School. The arrangement and development of the Vertebrate Collection is also hindered from lack of space.

Professor J. P. Hill undertook an important expedition to Brazil during the Long Vacation, from which valuable results are expected. The changes in the Assistant Staff of the Department and the sudden and lamented death of Mr. Macgregor have hindered progress in the reclassifying of specimens. In spite of these hindrances, the ordinary routine work of the Museum has been maintained and some valuable additions have been made. Dr. O'Donoghue, who has completed his term of work as a Beit Fellow, has now returned to the Department as Senior Assistant; Miss K. M. Parker has been appointed for the remainder of the current Session to the post left vacant by the death of Mr. Macgregor; and Mr. D. M. S. Watson has been appointed Lecturer in Vertebrate Palæontology.

Geology. Like the Departments of Botany and Zoology, but not to so

pressing an extent, the Department of Geology is feeling the need of more space. The offer made by Dr. Johnston-Lavis, a former student of the College, to present for the purposes of the Department his Collection of Igneous and Volcanic Specimens has been accepted, subject to certain conditions, which are at present a matter for negotiation. Dr. Johnston-Lavis proposes to keep the Collection in his possession for some time to come, but as soon as it is transferred to the College the need for additional rooms will become urgent. The Geological Collections have been increased during the year, and a Collection of Rock-building Calcareous Algæ has been set out to illustrate Professor Garwood's British Association Address on the importance of these organisms to the geologist. Several geological expeditions have been undertaken, as the result of which Rock Specimens and Fossils have been added from the following districts:—Cirencester, Ross, Clifton; Namur, Dinant, Feluy, Tournai (Belgium); Grange-over-Sands, Coniston, Ayr, Girvan, Shap; Shrewsbury and Church Stretton.

Chemistry.

Professor F. G. Donnan took up the work of his Chair at the beginning of the Third Term of last session. With the sanction of the College Committee, he spent the greater part of that term, and a considerable part of the Long Vacation, in visiting newly-erected Chemical Laboratories in this country and on the Continent. In this work he was ably assisted by the Secretary to the Chemistry Plans Sub-Committee, Dr. W. B. Tuck. In spite of the very large amount of work that has of necessity fallen upon the academic staff of the Department during the erection of the buildings, and in spite of the severe loss that the resignation of Sir William Ramsay inevitably entails, the activity of the Department in the region of research has been well maintained, as may be seen from the list of Original Papers published in Appendix V. The Department is quite full—indeed, over-full—and is looking forward to still greater activity in its new quarters next session.

Pure Mathematics.

The advanced work of the Department of Mathematics is being carefully developed. There are eight courses suitable for M.A. and postgraduate Students, and the intercollegiate system of Honours Lectures for candidates for the B.A. and B.Sc. Examination is conducted in conjunction with a careful system of individual attention for such Students. A great deal of time is also being devoted to the work of Students preparing for the Higher Civil Service Examinations. The Course on the Philosophy of Mathematics has been attended by Senior Students and by those who have passed their student stage.

Applied Mathematics.

The Department of Applied Mathematics is much in need of more space, and is hoping to acquire this as the result of the removal of the Department of Chemistry to its new quarters. The valuable telescope presented by the Rev. C. E. Brocklebank has not yet been housed.

Military Science.

The Lecturer in Military Science, whose appointment was announced in the last Report, announces that he has made a satisfactory beginning with his work, although the number of his students is at present small. These Courses have not yet become generally known. The movement for a considerable extension of the activities of the University in the matter of Military Education should certainly ensure the growth of this work.

Philosophy and Psychology.

Further accommodation has been provided for research work in Psychology by dividing up one of the larger rooms with partitions. This is at best a temporary expedient and does not adequately meet the needs of the growing number of Research Students. Important researches bearing upon educational problems are being undertaken in the Department, and the Professor acknowledges gratefully the assistance that the Education Committees of the London County Council and of the Willesden Urban District Council have afforded him in this matter. Among the researches that may be recorded here is one by Miss Sach, undertaken at Willesden, in the form of training a certain number of children in rapid concentration of attention on certain objects, and then discovering how far the improvement effected holds good for other classes of objects, also whether it appreciably benefits school work in general. Professor Spearman delivered a Course of public lectures on "Mental Energy" in the First Term of this Session.

Physical Anthropology

The inclusion of Physical Anthropology among the subjects that can be presented for the Bachelor of Science Degree in Honours may be expected to lead to a demand for further teaching in that subject. Dr. D. E. Derry is giving a Course of Lectures, and further developments are contemplated Course in the coming Session.

Physics.

The illness of Professor Trouton necessitated the prolongation of his leave of absence until the end of last term. During his absence, Mr. A. W. Porter has acted as his deputy in the position of Head of the Department, and Dr. Phillips has most effectively rendered temporary assistance. The College Committee are happy to record that Professor Trouton was able to return to work at the beginning of the current Term. A special Course on "The Physical Applications of the Principle of Relativity" was delivered by Dr. L. Silberstein last Term.

University Lectures.

University Lectures within the Faculty were delivered at the College in the Third Term of last session by Professor Johannes Walther of the University of Halle on "Geological Problems of the Desert," and by Dr. F. F. Blackman on "The Physiology of Photosynthesis and Respiration in Plants."

FACULTY OF MEDICAL SCIENCES.

Pharmacology.

The appointment of Dr. A. J. Clark to the newly-instituted Lectureship in Pharmacology at Guy's Hospital Medical School is a matter of congratulation to him, but it was a serious loss to the Department of Pharmacology, just at the time when the inconveniences resulting from the removal to the new building had been overcome and active work was in hand. Dr. Clark's resignation was not received until quite the end of the session; it was therefore impossible to appoint his successor (Mr. J. W. G. Gunn) until the present session.

Page May Lectures.

Mr. Keith Lucas has accepted the invitation to deliver the Course of Page May Memorial Lectures this session: they will be held in the Third Term.

FACULTY OF ENGINEERING.

Civil and Mechanical Engineering.

The resignation of Professor J. D. Cormack of the Chair of Mechanical Engineering, consequent upon his appointment to the Regius Professorship of Civil Engineering and Mechanics in the University of Glasgow, his own *Alma Mater*, is a matter of universal regret. He has endeared himself to his Students by his never-failing interest, both in their work and in their outside activities. Professor Cormack has arranged to supervise the work in the College for the second term of the current session, and, if necessary, for the third term also. His successor has not yet been appointed. It has been determined to style the Chair the Chair of "Civil and Mechanical Engineering" until such time as a separate and independent Chair of Civil Engineering shall be re-established. At present the special work in Civil Engineering is conducted by Engineers in practice under the general direction of the Professor of Mechanical Engineering.

Municipal Engineering.

The Chadwick Trustees have communicated their decision to the Senate to make a grant of £250 a year for a period of three years. With this sum at their disposal it will be possible for the Senate to appoint a Chadwick Professor of Municipal Engineering, whose duties shall occupy part of his time. They hope shortly to proceed to an election to this Chair.

The work of the Faculty has been brought into close and definite relation with that of the Institution of Civil Engineers, the Institution of Mechanical Engineers, and the Institution of Electrical Engineers. By means of the arrangements that have been made, the following exemptions are granted:—by the Institution of Civil Engineers, (i) the College Engineering Matriculation Examination exempts from the Studentship Examination, (ii) the College Engineering Diploma, with the Engineering Matriculation or an equivalent exempting examination taken before beginning the Diploma Course, exempts from the Associateship Examination; by the Institution of Mechanical Engineers, (i) the College Engineering Matriculation exempts from the Examination for Graduateship, (ii) the College Diploma exempts from the Examination for Associate Membership Examination; by the Institution of Electrical Engineers, the Diploma in Electrical Engineering exempts from the Associate Membership Examination.

The Scheme of Advanced and Postgraduate Courses in the Faculty has been continued, and includes Courses by Professor Fleming on "Telephone and Telegraph Cables and the Transmission of small Alternating Current Power" and "Conductors for the Electrical Transmission of Energy," which have attracted a large number of Engineers in practice nominated by the General Post Office and by some of the great electrical firms; "Steam and Gas Turbines" by Mr. Goudie; "Influence Lines and their Application to Structural Design" by Mr. Philpot; "Electrical Design" by Mr. Kilburn Scott; "Heating and Ventilation" by Mr. Barker; "Photographic Surveying" by Mr. Ormsby; and the advanced Courses that are delivered in connection with the work in Civil Engineering and Municipal Hygiene.

THE LIBRARIES.

The accessions to the Libraries during the year amount to 5,704 volumes and pamphlets. Of this number 2,842 have been presented. These totals include 181 additions to the Mocatta Library: 137 by purchase and 44 by presentation.

Special thanks are due to the following donors:—

(1) To His Majesty the German Emperor, for a collection of German MSS.

(2) To Sir John Macdonell, for a gift of £9 5*s.* 0*d.* for the purchase of law books.

(3) To Sir John Rotton, for a collection of 330 books, and 657 pamphlets in 65 volumes, relating to Dante, and for a gift of £5 0*s.* 0*d.* to cover the cost of binding books presented by him.

(4) To "A Fellow of the College," for a gift of £5 0*s.* 0*d.* for the purchase of medical books.

(5) To Sir Frederick Pollock, for a collection of law books.

(6) To Lady Edward Norman Baker, for a collection of Oriental books.

(7) To Dr. Paget Toynbee, for twenty-three volumes on Italian literature.

(8) To Mr. P. V. Thomas, for a copy of the 'Atlas linguistique de la France,' and for a copy of the British Museum facsimile of Queen Mary's Psalter.

The collection of Dante books presented by Sir John Rotton is of special value, as it was formed with the object of supplementing the Barlow collection of works on Dante already in the College Libraries. A catalogue of the combined collections has been printed, and Sir John Rotton's donation has placed the College in the possession of a very complete Dante Library.

The following MSS. have been acquired during the year with the help of donations from generous friends:—

(*a*) Bellenden's translation of the Chronicle of Boece. [Lord Iveagh's donation.]

(*b*) Pitscottie's Chronicle. [Mr. H. W. Brown's donation.]

(*c*) A Franciscan Martyrology of the XIII. Century. [Donation of Mr. Henry Oppenheimer and others.]

The Library Committee have been giving serious consideration to the question of Departmental Libraries, and in this connection have pleasure in recording their appreciation of the generous donation of Sir William Ramsay, made with the object of founding a Departmental Chemical Library.

The work of re-arranging and press-marking the Library Stores has again been seriously hindered by the lack of Store Rooms. The College Committee hope that it will be found possible to construct the gallery over the Science Library in the near future. Owing to the rapid growth of the Libraries, it will soon be impossible to house new books, either in the Libraries or in the Book Stores, unless some extra store space is provided.

The gallery over the Mocatta Library has been arranged as a

permanent store for the Arts Libraries. Several thousand volumes have been placed in this store, and have been press-marked.

The question of the adequate protection of the Libraries from fire has become a pressing one.

A standing Sub-Committee, consisting of Professors Cushny, J. P. Hill, Starling, and Thane, and Dr. Plimmer, has been appointed to advise with regard to the Library and Reading Room in the Institute of Medical Sciences.

During the Session 1912–13, 91 Students held keys of the Science Library, and 134 of the different Arts Libraries. The number of books issued for home reading was 3,877, and the number of books issued for reading in the Libraries is estimated at over 100,000.

EVENING AND VACATION LECTURES AND MEETINGS.

The College has been open during the past year on five evenings in the week for the purposes of special work, mainly of a post-graduate nature.

The meetings of the Philological Society, the Students' Political Economy Club, the Geologists' Association, the Jewish Historical Society, the University Musical Society, and the Law Students' Society are held regularly in the College.

The College has been made the headquarters of the Historical and English Associations and the Folk-Lore and Bibliographical Societies. The Annual Meeting of the English Association was also held there; and the meetings of the Froebel Society.

The Oriental, Ancient History, and Archæological Sections of the International Congress of Historical Studies met in the College.

The University Holiday Course for Foreigners was again held at the College during the Long Vacation.

RESIDENTIAL HALLS.

University College Hall, Ealing, has had another successful year, and continues to prove a useful adjunct to the College by exercising a stimulating effect on its social and athletic life. Throughout the major portion of the year it has been full. Mr. Walter W. Seton has been re-appointed Warden of the Hall, and Dr. Clement Lovell Sub-Warden.

The Council of College Hall, Byng Place, which at present provides residence for about 37 Women Students, has taken the first steps in the project of purchasing the site and rebuilding the Hall, and the leasehold and freehold have been acquired. The cost of these two purchases, and of the expenses incidental thereto, amounts to about £11,000, of which all but £250 have been provided. The Site and Building Fund Committee is now directing its efforts to raising the sum of £19,000 required for the purposes of rebuilding. An important development in connection with the Hall is the institution of a Bungalow at Flackwell Heath, where residents of the Hall may in turn have their week-ends in the country, and where those who are temporarily out of health may recuperate.

OFFICERS TRAINING CORPS.

On December 31st, 1913, the University of London Contingent of the Officers Training Corps numbered 27 Officers and 733 Cadets, Of the total number, 2 Officers and 21 Cadets of the Artillery, 5 Officers and 134 Cadets of the Infantry, 1 Officer and 1 Cadet of the Army Service Corps, and 2 Officers and 51 Cadets of the Medical Unit were connected with the College.

During the year, 5 Cadets belonging to the College have taken Commissions in the Special Reserve, 6 have taken Commissions in the Territorial Force, and 3 have taken Commissions in the General Reserve of Officers. At the Examinations in March and November 1913, 37 Cadets obtained Certificate A and 17 obtained Certificate B (see p. 27).

Two Students of the College are taking the Military Science Course.

The Battalion Efficiency Cup has again been won by one of the College Companies.

Lieutenant T. G. Hill, Reader in Plant Physiology at the College, has been promoted to the rank of Captain.

STUDENTS' SOCIETIES.

The Reports of the Students' Societies show that the corporate life of the College is in a healthy condition. The Union Society recorded at the end of last Session a total membership of 838.

Foundation Week, 1913, was organised with marked success. A brilliant Oration on "Lister and his Work" was delivered by Professor Sir Rickman John Godlee, Bart., President of the Royal College of Surgeons. Two performances of "Eastward Hoe," by Ben Jonson, Chapman and Marston, with an Epilogue specially written by Mr. Lawrence Solomon, were given under the direction of Mr. P. V. Thomas, Mr. H. N. Fryer and Mr. L. H. Haines. The Annual Sports were held at Perivale in fine weather and in the presence of some 400 spectators.

The Crabb Robinson Trustees have once more helped the social and athletic side of College life by making grants amounting to £210 for various Students' purposes, including the maintenance of the Athletic Grounds, Fives Courts and Racquet Court. The debt on the Men's Athletic Ground still stands at £3,000. The Union Society is hopeful that this, the twenty-first year of its institution, may see some reduction of that figure. The "Coming of Age" celebrations are now in process of organisation, and promise to form a landmark in the history of the Society.

The Women's Union Society records a membership for the present session of 238, a slight increase on that of last session. An entertainment in aid of the Athletic Fund was organised last summer, with the result that one debt of £100 was paid off in November, while a reserve of £50 remains in the Sinking Fund. A new associated Club has been started in the form of a Voluntary Aid Detachment, conducted in accordance with the regulations of the Red Cross Society.

The Students' Representative Council (of which Mr. Mann, the President of the College Union Society, is this year President), the

Musical Society, the Union Debating Society, the Athletic Union, and the Law Students' Society of the University meet from time to time at the College, and have received the active support of its Students.

The Societies not included in the Unions, each of which appeals to Students who have an interest in some special branch of study, have done excellent work.

The St. Christopher's Working Boys' Club, which provides healthy amusement for about 300 working lads living in the immediate neighbourhood of the College, has been carried on successfully during the past year under the auspices of the Christian Association of the College Students. In addition to the work done in the Club quarters in Fitzroy Square, a Summer Camp extending over three weeks was organised at New Romney. The Club premises, which were in a somewhat dilapidated condition, have been thoroughly repaired and in part rebuilt by the Executors of the late Countess of Pembroke. The Club finances have been greatly aided during the year by two bazaars, the one organised by Mrs. Platt and Mrs. Banks, and the other by Miss James. The 'Donnybrook Players' have, as in previous years, given material assistance to the Club.

The Old Students' Association continues to increase in numbers and activity. A successful Garden Party was organised by the Association last June, for which the Union Society kindly lent its Athletic Ground at Perivale, and the annual Old Students' Dinner and Dance were held as usual. Professor F. G. Donnan is President for the current Session; Mr. A. F. Girvan continues as Hon. Secretary and Treasurer; and Miss K. M. Parker is the Hon. Secretary of the Social Section.

The Guild of Graduates has had an active year, and has issued two numbers of its Bulletin. At the Annual General Meeting held in June 1913, an interesting discussion took place on the Final Report of the Royal Commission on University Education in London. By invitation of the Guild, a large number of new graduates of the College attended a Dinner in their honour on Presentation Day. The Officers for the current Session are:—Master: Dr. T. Gregory Foster; Faculty Wardens: Arts, Dr. H. Frank Heath, C.B.; Engineering, Mr. E. S. Andrews, B.Sc. (Eng.); Laws, Mr. L. F. Thompson, B.A., LL.B.; Medicine, Mr. Raymond Johnson, M.B., F.R.C.S.; Science, Miss Ethel N. Thomas, B.Sc.; Registrar, Mr. H. Todd Thornbery, B.Sc.

THE PEEL FUND.

The income of the Peel Fund was expended in grants for the purchase of books made to the following Institutions:—

Dunton Green Working Men's Club (£5). Resolven Reading Room (£5). Lostwithiel Working Men's Institute (£4). "Edward Perry" Memorial Club (£10). Zion Sunday School Library, Gelli (Mont.) (£4). Wymondham Church Men's Club (£4). Ceiriog Memorial Institute (Denbigh) (£4).

APPENDIX I.

SITE, BUILDINGS, AND EQUIPMENT.

Summary of Expenditure Provided and Required.

1st January, 1914.

	Provided	Required.		
		Most pressing.	Urgent.	In early prospect.
	£	£	£	£
The original home of the College, 1829 .	127,500			
Extensions between opening and incorporation, 1830–1895	175,000			
Outlay attending incorporation	150,000			
	452,500			
Gifts in kind (exclusive of maintenance and trust funds	50,000			
Current Works and pressing needs.				
1. Gower Street Front	35,600	5,000	26,400	
Add for relaying main Quadrangle .	.....	.....	1,600	
2. Hall	.....	10.085	2,000	
3. Chemical Laboratories	69,760	28,652		
4. Institute of Medical Sciences:—				
(*a*) Completion of site	.....	.....	4,000	
(*b*) Physiology	20,316			
(*c*) Pharmacology	5,000	200		
(*d*) Anatomy	.....	.....	.....	45,000
(*e*) Add for altering and equipping vacated premises for Zoology and libraries	.....	.....	4,500	
5. Professor Petrie's Egyptian Collection, purchase and equipment	8,045			
6. Libraries:—				
(*a*) Arrears of equipment	.....	.....	6,590	
(*b*) Arrears of supplementary books.	.....	.....	2,700	
(*c*) Arrears of binding	.....	.....	1,000	
(*d*) Capital fund to avoid future arrears of (*b*) and (*c*)	.....	.....	21,125	
7. Engineering	4,841	1,500	3,000	6,000
8. Professors' Common Rooms	.....	500		
9. Repaving, &c., of Cloisters	1,000	300	1,000	
10. Drainage, Heating, and Lighting ...	2,800	4,500		
11. Equipment of School of Architecture		1,000		
12. To recoup income for contributions towards Engineering Equipment and Drainage	.....	6,525		
Totals	649,862	58,262	73,915	51,000

APPENDIX II.

Geographical Distribution of Students (1912–13).

	Undergraduate and Non-Matriculated.	*Postgraduate and Research.*	*Evening only.*
London	570	227	448
Within a 30-mile radius	140	58	10
Rest of United Kingdom	273	73	13
British Empire (other than above)	105	28	1
Foreign	90	26	21
	1178	412	493

Grand Total 2083

APPENDIX III.

GRANTS (1912–13).

	£	s.	d.
Treasury (General Grant)	16,000	0	0
Board of Education (Professional Education)	2,773	6	8
Board of Education (Superannuation and Pension Fund Suspense Account)	2,137	10	0
India Office	300	0	0
London County Council through the University:			
Chemistry, German, and Physiology £3,881 5 0			
Electrical Engineering 600 0 0			
Heating and Ventilating Engineering 300 0 0			
Lectures for Teachers 320 0 0			
Libraries 450 0 0			
Schools of History and Phonetics 680 0 0			
	6,231	5	0
Carpenters' Company (Architecture)	250	0	0
Crabb Robinson Trustees	210	0	0
Drapers' Company:			
Applied Statistics Research Fund	400	0	0
	£28,302	1	8

SUBSCRIPTIONS AND DONATIONS (1912–13).

	£	s.	d.
Mr. G. A. Aitken	1	1	0
Anonymous for the Page-May Lectures	*52	10	0
Professor T. W. Arnold	*2	0	0
Mr. Walter Baily	10	0	0
Professor W. M. Bayliss	10	0	0
Professor L. M. Brandin	*1	0	0
Mr. H. W. Brown	*10	0	0
Sir Francis Champners, Bart., M.P.	*1	1	0
Mr. G. G. Coulton	*1	0	0
Mr. N. Eumorfopoulos	*5	15	0
Fellow of The College per The Provost for Engineering Scholarship	*42	0	0
Professor G. Carey Foster	5	0	0
Mr. F. D. Fox	1	1	0
Dr. F. W. Goodbody	*40	0	0
Mrs. J. R. Green	*50	0	0
Professor V. Harley	*50	0	0
Mr. C. Hawksley	10	0	0
Professor J. P. Hill	*1	1	0
Carried forward	293	9	0

* For special purposes.

	£	s.	d.
Forward	293	9	0
Sir V. Horsley	*36	8	0
Mr. J. Rose-Innes	*62	0	0
Rt. Hon. Lord Iveagh	*50	0	0
Mr. W. P. Ker	*120	0	0
Sir W. H. Lever	10	0	0
Miss M. A. Lewenz	1	1	0
Mr. A. G. Little	*1	0	0
Prof. Sir John Macdonell	*22	0	0
Mr. N. Moore	*5	0	0
Mr. H. Oppenheimer	*25	0	0
Rt. Hon. Sir F. Pollock, Bt.	*5	0	0
The Rev. Canon H. Rashdall	*1	0	0
Mr. C. Read	*5	0	0
Sir John Rotton	5	0	0
Sir Isidore Spielmann	3	3	0
Professor E. H. Starling	*48	4	6
Professor G. D. Thane	*5	0	0
Sir Henry Thompson, Bart.	*5	0	0
Professor F. T. Trouton	*214	8	0
Prof. Sir John Tweedy	25	0	0
Mr. Edwin Waterhouse	5	5	0
Mr. Thomas Wilson	3	3	0
Miss A. A. Wood	1	0	0
	952	1	6
Transferred from Suspense Account	1,035	7	9
	1,987	9	3
Less amounts for expenditure in 1913–14	81	1	2
	£1,906	8	1

* For special purposes.

SUBSCRIPTIONS AND DONATIONS
promised and paid for the Current Session.

	£	s.	d.
Anonymous for an Entrance Scholarship in Classics	*60	0	0
Mr. Walter Baily	10	0	0
Professor W. M. Bayliss	10	0	0
Dr. A. Gairdiner	*10	0	0
Institute of Heating and Ventilating Engineers	*48	2	0
Sir W. H. Lever	10	0	0
Mr. A. J. Macgregor	*50	0	0
Professor W. M. F. Petrie	*9	15	0
Sir Isidore Spielmann	3	3	0
Sir Henry Thompson, Bart.	*5	5	0
Mr. Thomas Wilson	3	3	0
	219	8	0
Brought forward from Session 1912–13	81	1	2
	£300	9	2

* For special purposes.

APPENDIX IV.

DONATIONS TO THE LIBRARIES DURING THE YEAR ENDING DECEMBER 31ST, 1913.

Those donors marked "*M.*" have presented the volumes mentioned to the Mocatta Library.

	Vols.	Pmph.
Academia Naturæ Curiosorum, Halle	2	0
,, Polytechnica do Porto.	1	0
Académie des Sciences de Cracovie	3	0
,, Impériale des Sciences de St. Pétersbourg..	1	0
,, Royale de Belgique ..	3	3
Academy of Natural Sciences, Philadelphia	1	0
,, of Sciences, Madrid ..	1	0
Accademia Pontaniana	1	0
Adelaide Public Library	3	10
"Agricultural Economist," Publishers of	1	0
Agricultural Research Institute, Pusa	2	5
Allegheny Observatory	0	4
American Academy of Arts and Sciences	1	1
,, Climatological Association	1	0
,, Geographical Society.	1	0
M. ,, Jewish Historical Society	1	0
,, Museum of Natural History	0	2
,, Oriental Society.....	0	1
,, Philological Association	1	0
,, Philosophical Society..	1	0
,, Urological Association.	1	0
Arber, Dr.	1	0
Aristotelian Society	1	0
Armstrong College, Newcastle ..	1	0
Arnold, Prof. T. W.	1	0
Astronomer Royal, H.M.	2	0
"Athenæum," Publishers of the.	2	0
Australia, Government of	0	1
Australian Museum, Sydney	2	0
Aveling, Dr. F.	1	0
Baker, Lady E. N.	18	3
Barnett, Prof. L. D.	3	1
Bastian, Dr. H. C.....	1	0
Bayliss, Prof.	5	0
Beaufoy Institute	0	1
Bedford College, London.....	1	0
Belfast Naturalists' Field Club ..	0	1
Bengal, Government of	0	1
Bennett, G. T.	0	1
Bibliotheca Nazionale Centrale di Firenze.....	1	2
M. Biema, C. van	1	0
Birchard, F. J.	0	1
Birmingham and Midland Institute	0	1
M. Blank, J. E.....	1	0
Board of Agriculture.....	1	0
,, Trade	7	0
Bonser, W.	4	3
Brandin, Prof. L. M.	0	2
British Association	1	0
,, Astronomical Association .	6	0
,, Museum	16	6
Bureau of Standards, Washington	1	3
California Academy of Sciences ..	1	0
M. Cambridge Hebrew Congregation .	0	1
,, Philosophical Society..	1	2
Canada, Government of	4	9
Canadian Institute.....	0	1
Canterbury Museum, N.Z.	0	1
Carnegie Endowment for International Peace	1	0
,, Institution of Washington.....	24	0
,, Trust for the Universities of Scotland....	0	1
M. Central Conference of American Rabbis	1	0
Chambers, Dr. R. W.	2	0
Champion, M. M.	0	1
Chapman & Hall, Messrs.	1	0
Chartered Institute of Secretaries.	2	0
Chemical Society	5	0
Chester Society of Natural Science	0	1
Chile, Government of	1	0
China, ,, ...	10	1
City and Guilds of London Institute	0	1
Closer Union Society of South Africa	3	0
College of Preceptors.....	1	0
,, of Science, Japan.....	2	0
Collie, Prof. J. N.....	1	0
"Colliery Guardian," Publishers of the.....	2	0
Colombo Museum	0	2
Columbia University Press	1	0
Comité géologique de St. Pétersbourg..	5	11
Congress on School Hygiene	0	1
Constable & Co., Messrs.	1	0
Cooperative Wholesale Society ..	1	0
Cormack, Prof. J. D.	0	1
Cotteswold Naturalists' Field Club	0	2
Croydon Natural History Society.	0	1
Cushny, Prof. A. R.	2	3
Dansk Geologisk Forening	0	1
Darken, E. M.	0	2
Dennison, Messrs. T. S., & Co...	1	0
Department of Agriculture, Alberta.....	1	0
Ealing Scientific Society	0	1
East India Association	1	0
,, ,, Office	0	1
Edinburgh Geological Society ..	0	1
"Education," Publshers of	2	0

	Vols.	Pmph.
"Electrical Engineering," Publishers of	1	0
Emery, A.	3	0
Engineering Standards Committee	0	10
Engineers' Society of Western Pennsylvania	1	0
Escola de Medicina Tropical de Lisboa	0	1
Essex Field Club	1	0
Eumorfopoulos, N.	11	0
"Fellow, A"	8	0
"Ferro-Concrete," Publishers of.	1	0
Field Museum of Natural History, Chicago	0	13
Formosa, Government of	1	0
Foster, Dr. T. G.	3	6
Franklin Institute	2	0
Fried, A. H.	1	0
Gálvez, Dr. J. M.	8	0
Gardner, Prof. E. A.	1	0
,, ,, P.	53	0
Garwood, Prof. E. J.	4	0
Geddes, Prof.	1	0
Geographical Association	1	0
,, Society of Australasia	1	0
Geological Society of America	1	0
,, ,, Cornwall	0	1
,, ,, Glasgow	0	1
,, ,, London	1	1
,, ,, South Africa	1	0
,, Survey of Great Britain	7	0
,, ,, India	2	0
,, ,, New Jersey	0	3
,, ,, Ohio	0	4
,, ,, Victoria	12	0
,, ,, Western Australia	0	5
Geologiska Föreningen i Stockholm	1	0
Geologists' Association	2	3
"Gibb Memorial," Trustees	6	0
Godlee, Sir R. J.	1	0
,, Observatory, Manchester.	0	1
Goodbody, Dr. F. W.	1	0
Green, J. F. N.	0	1
Halliburton, Prof. W. D.	1	0
Hammond, Miss M.	1	0
Hands, H.	0	1
Harmer, Dr. S. F.	0	1
Harvard University	1	0
Havel, E. B.	1	0
M. Henriques, Mrs. A. Q.	0	23
Heriot-Watt College, Edinburgh.	1	0
Hertfordshire Natural History Society	0	1
Hill, Prof. J. P.	0	2
,, ,, M. J. M.	2	0
M. Hirschfeld, Dr. H.	0	1
Historical Congress	5	0
Hocken Library, Dunedin	1	0
"Illuminating Engineer," Publishers of the	1	0
Imperial College of Science	1	0
,, Commercial School, St. Petersburg	0	2
Incorporated Association of Assistant Masters	1	0
,, Society of Authors.	1	0
India Office	1	31
Indian Guild of Science	1	0
Institute of Bankers	1	0
,, Chemistry	1	2
,, Marine Engineers	1	0
Institution of Civil Engineers	3	0
,, Electrical Engineers	2	0
,, Engineers and Shipbuilders in Scotland	1	0
,, Mechanical Engineers	2	1
,, Naval Architects	3	0
Institutului Geologei al României	0	1
Iowa Geological Survey	1	0
Iron and Steel Institute	3	1
Iwasaki, C.	0	1
Japan, Government of	1	0
Jaroslaw, D.	1	0
M. Jewish Historical Society of England	1	0
M. Jews' College	0	1
John Crerar Library	0	1
Johns Hopkins Hospital	1	0
,, ,, University	1	0
Jones, Daniel	1	0
Junior Institution of Engineers	1	0
K. Akademie der Wissenschaften, Vienna	5	0
,, Ingenieur-Hochschule, Moscow	0	1
K.-K. Central Anstalt für Meteorologie, Vienna	1	0
K.-K. geologische Reichsanstalt, Vienna	2	0
,, ,, Naturhist. Hof-museum, Vienna	1	1
Ker, Prof. W. P.	11	0
King's College, London	1	0
M. Kleimenhagen, M.	0	1
Klein, Dr. W. C.	0	3
Kodaikanal Observatory	2	0
K. preuss. Akademie der Wissenschaften	2	0
M. Kohler, M. J.	0	1
Koninklijke Natuurkundige Vereeniging	2	0
Koninklijk nederlandsch meteorologisch Instituut	0	1
M. Landau, Dr. L.	0	2
M. Lehranstalt für die Wissenschaft des Judenthums	0	1
Leicester Lit. and Phil. Society	1	0
M. Levy, Rev. S.	0	1
Lewis, Messrs. H. K.	3	0
Library Association	0	1
,, of Congress	6	6
Linnean Society	2	0
Liverpool Geological Society	0	2
"London & Suburban Builder," Publishers of the	1	0
London, Corporation of	1	0
,, County Council	2	0
,, Mathematical Society	1	0
Lucas, A.	1	0
Lyde, Prof. L. W.	1	0
Macara, Sir C. W.	0	1
McGill University	2	0
Macmillan & Co., Messrs.	2	0
Madras, Government of	3	0
Manchester Geological Society	1	0
,, Lit. and Phil. Society.	1	0
,, Municipal School of Technology	0	1
,, Statistical Society	1	0
Marconi's Wireless Telegraph Co., Ltd.	1	0
Marine Biological Association	0	1
,, ,, Laboratory, Wood's Hole.	2	0
Marks, Miss C. I.	2	0
M. ,, P. J.	0	1

	Vols.	Pmph.
Maryland Geological Survey	3	0
Massachusetts Agricultural College	0	1
M. Mayer, M.	1	0
Merchant Venturers' Technical College	1	0
Meteorological Committee	0	1
,, Office	1	4
Metropolitan Water Board	0	2
Michigan College of Mines	1	0
Ministère de l'Instruction publique, Paris	2	0
Minnesota Geological Survey....	1	0
Missouri Botanical Garden	1	0
"Model Engineer and Electrician," Publishers of the	3	0
M. Montague, L. H.	1	0
"Monthly Bulletin of Agricultural intelligence and plant diseases," Publishers of the	0	1
Musée royale d'histoire naturelle de Belgique	1	0
Natal Government Museum	1	1
National Academy of Sciences ..	2	0
,, Library of Wales	1	1
,, Physical Laboratory....	0	2
Newcastle Public Library	0	1
Newcombe, L.....	1	0
New South Wales, Government of.	6	3
,, York Academy of Sciences .	1	0
,, ,, State, Education Department	1	0
,, Zealand, Government of....	2	0
North of England Institute of Engineers	1	0
North-western University, Evanston	0	1
Nova Scotian Institute of Science.	0	1
Observatoire royale de Belgique .	1	1
Observatorio "Infante d. Luiz," Lisbon	3	0
Observatory of Batavia.....	3	0
,, Coimbra	2	0
Pearson, Prof. Karl	2	2
Pedersen, Prof. H.	1	0
Pharmaceutical Society	1	0
Philological Society	0	1
Physical Society.....	1	0
Physikalischer Verein, Frankfurt.	1	0
Platt, Prof. J. A.	3	0
Plymouth Institution	0	3
Pollard, Prof. A. F.	2	0
Pollock, Sir F.	69	50
M Pool, Rev. D. de Sola	0	1
Queen's University, Kingston, Ont.	0	4
Quekett Microscopical Club	0	2
Radford, Miss H. I.	9	0
Ramsay, Sir W.....	50	20
Read, Prof. C.	5	0
R. Accademia dei Lincei	5	4
,, ,, delle Scienze di Torino	4	1
,, Instituto bacteriologico Camara Pestana	0	1
Reay, Rt. Hon. Lord	40	380
Reform Club	1	0
Regia Accademia in Modena	1	0
Registrar of Births and Deaths in Dublin.....	3	0
Robertson, Prof. J. G.	14	1
Rochester Academy of Science ..	0	1
Rockefeller Institute for Medical Research	2	0
Röntgen Society.....	1	0
Rotton, Sir John F.	346	661
Royal Academy of Stockholm ..	3	3
Royal Anthropological Institute..	2	0
,, Astronomical Society.....	1	0
,, College of Physicians, Edinburgh.....	1	0
,, College of Surgeons	1	0
,, Colonial Institute	1	0
,, Dublin Society.....	1	2
,, Engineers' Institute.....	2	0
,, Engineering College, Glasgow	1	0
,, Geographical Society of Australasia	1	1
,, Institute of British Architects	2	0
,, Irish Academy.....	5	0
,, Meteorological Society....	1	0
,, Microscopical Society	1	0
,, Physical Society of Edinburgh	1	0
,, Sanitary Institute	1	0
,, Scottish Geographical Society	1	0
,, Society of Arts.....	1	0
,, ,, of Canada	1	0
,, ,, of Edinburgh	2	0
,, ,, of Literature.....	1	0
,, ,, of London	73	0
,, ,, of Upsala	6	1
,, ,, of Victoria.....	1	0
,, Statistical Society	1	0
,, United Service Institution .	2	0
Rubinstein, J. S.	0	1
Russische-Kais. Mineral. Gesselschaft	1	0
Sachs, Miss A. B.	2	0
St. George's Hospital Medical School	1	0
Sarvadhikary, D. P.	1	0
School Dentists' Society	1	0
Scuola d'applicazione, Rome	1	0
Sedgwick, T.	18	5
Senckenbergische naturforschende Gesellschaft.....	1	0
Sieveking, H.	1	0
Smithsonian Institution	10	4
Sociedad "Antonio Alzate"	1	0
,, geológica Mexicana....	0	2
Società geografica Italiana	2	0
,, reale di Napoli.....	2	0
Société belge de Géologie	1	1
,, chimique de France.....	1	2
,, de Géographie	2	0
,, des Sciences de Bucarest .	1	1
,, géologique de France....	1	0
,, linnéenne de Bordeaux ..	1	1
,, ,, de Normandie .	1	1
,, littéraire de Buda-Pest ..	2	0
,, scientifique de Varsovie ..	2	0
Society for Experimental Biology and Medicine.....	1	0
,, of Antiquaries	2	0
,, of Chemical Industry	1	0
,, of Engineers	1	0
,, of Incorporated Accountants and Auditors	1	0
M. Solomons, I.	0	3
Somersetshire Archæological Society	1	0
South Wales Institute of Engineers.....	1	0
,, Western Polytechnic Institute.....	0	1
Starling, Prof. E. H.	7	0
Stonyhurst College.....	0	1

	Vols.	Pmph.
Strang, W.	1	0
Strong, Mrs. S. A.	1	0
Taylor, F.	1	0
Thomas, P. V.	2	1
Toy, H. Spencer	1	0
Toynbee, Dr. P.	0	4
Transvaal Museum	0	1
Treasury, H.M.	2	0
Trinity College, Cambridge	1	0
M. Union of Jewish Literary Societies	0	1
United Provinces, Government of.	1	0
,, States, Department of Agriculture ..	1	9
,, ,, Geological Survey.	17	56
,, ,, Government	2	0
,, ,, Surgeon-General .	1	0
University College, Dublin	1	0
,, ,, Hospital Medical School..	1	0
,, ,, London, Chem. & Phys. Soc.	4	0
,, ,, Mathematical Society	1	0
,, ,, Union Society.	8	2
,, ,, of North Wales	1	0
,, ,, of South Wales	1	0
,, ,, Reading.....	1	0
,, Correspondence College	2	0
,, of Aberdeen.....	3	0
,, ,, Peace Society..	0	1
,, of Adelaide	1	0
,, of Birmingham	1	0
,, of Bristol	1	0
,, of California	6	9
,, of Cambridge	0	2
,, of Coimbra	3	0
,, of Durham	1	0
,, ,, College of Medicine .	1	0
,, ,, Philosophical Society ..	1	0
,, of Edinburgh	1	1
,, of Glasgow	2	0

	Vols.	Pmph.
University of Göttingen	0	6
,, of Groningen	1	1
,, of Havana	2	0
,, of Illinois.....	2	0
,, of Jena	0	1
,, of Kyoto	2	0
,, of Leeds	1	1
,, of Liverpool.....	1	0
,, of Madras.....	3	0
,, of Manchester	1	0
,, of Melbourne	1	0
,, of Minnesota	2	0
,, of Nebraska.....	1	16
,, of North Carolina	0	2
,, of Pennsylvania	12	0
,, of Princeton.....	1	0
,, of St. Andrews.....	2	1
,, of Sheffield	1	2
,, of Strassburg	1	0
,, of Sydney.....	1	0
,, of Texas	0	1
,, of Toronto	1	5
,, of Virginia	0	6
,, of Würzburg	0	6
Videnskabs-Selskabet i Christiania.	4	0
,, ,, i Copenhagen	2	0
Washington, Department of Commerce.....	1	0
West Australian Museum	0	1
West Indies, Department of Agriculture.....	0	1
Whitaker, S. P.	1	0
Whitehead, Dr. A. N.	2	0
Williams, G. C.....	0	1
Wilson Ornithological Club	1	0
Winterthur, Stadtbibliothek	7	1
Wood, A. C.	1	0
Woods, Prof. H.	1	0
Woolley, C.	2	0
Worcester Polytechnic Institute, Mass.	1	0
Yorkshire Naturalists' Union....	1	0
,, Philosophical Society .	1	0
Zoological Society.....	3	0

APPENDIX V.

List of Original Papers and other Publications from the various Departments of the College since the Dean's Report in the Calendar, 1912–13.

Department of Latin. (Professor H. E. Butler.)

Professor H. E Butler.

(1) Text and Translation of Propertius. (*Loeb Series.*)
(2) Petroniana. (*Classical Review*, vol. xxxi. no. 7.)

Department of Greek. (Professor Arthur Platt.)

Professor A. Platt.

(1) Aeschylea. (*Journal of Philology*, No. 64.)
(2) Notes on Aristotle. (*Ibid.*)
(3) On the Last Scene in "The Seven against Thebes." (*Classical Review*, August, 1912.)

Department of Sanskrit. (Professor L. D. Barnett.)

Professor L. D. Barnett.

(1) Antiquities of India. (In the Press.)
(2) Reviews in the Journal of the Royal Asiatic Society.

Department of Arabic. (Professor T. W. Arnold.)

Professor T. W. Arnold.

(1) Articles in the *Encyclopædia of Islam.*
(2) The Preaching of Islam. (2nd edition. In the Press.)

Department of Hebrew. (Professor H. Gollancz.)

Professor H. Gollancz.

The Book of Protection, being a collection of Syriac Charms with Translation, Introduction, Notes, etc. (Oxford, University Press, 1912.)

North Semitic Epigraphy. (Dr. H. Hirschfeld.)

Dr. H. Hirschfeld.

(1) Sketch of Hebrew Grammar. (University of London Press.)
(2) Antikaräische Polemik in Saadiah's Religionsphilosophie. (Prof. Hermann Cohen's Jubilee volume).
(3) Curiosities of Jewish Literature.

Department of English. (Professor W. P. Ker.)

Professor W. P. Ker.

(1) On a lyric stave, called in Irish *ochtfhoclach bec.* (In *A Miscellany presented to Kuno Meyer*, Halle, 1912.)

Dr. R. W. Chambers.

(2) Finnsburh: the Fragment and the Episode in *Beowulf.* (Read before the Philological Society; to be published shortly.)
(3) Gautigoth. (*Notes and Queries*, Oct. 5, 1912.)

William Strang.

(4) Imagination and Fancy. (*John Oliver Hobbes Memorial Essay*, 1912.)

S. P. Whitaker.

(5) Imagination and Fancy. (*John Oliver Hobbes Memorial Essay*, 1912.)

Department of French. (Professor L. M. Brandin.)

Professor L. M. Brandin.

(1) Le Livre de Preuve. (*Romania*, 1913, pp. 203–254.)
(2) Reviews in *Modern Language Teaching.*

Professor G. Rudler.

(3) Benjamin Constant et Louvet.
(4) Benjamin Constant et de Gerando. (In *Bibliothèque Universelle* and *Revue Suisse*, 1913.)
(5) La méthode positive en littérature française. Conférence. (Alcan.)
(6) Reviews in the *Revue Universitaire* and *Revue critique des Livres Nouveaux.*

Mr. P. V. Thomas.

(7) The Plays of Eugène Brieux. (A. C. Fifield.)

B. Proper.

(8) The Anglo-Norman MSS. of the Chanson de geste *Aspremont* at the British Museum.

Department of German. (Professor R. Priebsch.)

Professor R. Priebsch.

(1) Ein Ausspruch Gregors des Grossen in ahd. Reimversen aus S. Maximin zu Trier. (In Paul und Braune's *Beiträge zur Geschichte der deutschen Sprache und Literatur*, xxxviii. 1, 2, pp. 338 ff.)

Professor J. G. Robertson.

(2) Goethe and the Twentieth Century. (Cambridge Manuals.) Cambridge: University Press, 1912.
(3) Edition of Lessing's Nathan der Weise. Cambridge: University Press, 1912.
(4) The Literature of Germany. (Home University Library). London: Williams & Norgate, 1913.
(5) Recent German Literature. (Encyclopædia Britannica Year-Book). London, 1913.
(6) Friedrich Hebbel. (In *Modern Language Review*, viii. 2, April 1913.)
(7) Reviews in the *Modern Language Review* and other journals.

Margaret Körner.

(8) Two Poems attributed to Theodor Körner. ((In *Modern Language Review*, viii. 1, January 1913.)

Dr. L. Landau.

(9) Hebrew-German Romances and Tales and their Relation to the Romantic Literature of the Middle Ages. I. Arthurian Legends. Leipzig: Avenarius, 1912.

Agnes Löwenstein.

(10) The Sources of Hebbel's 'Agnes Bernauer.' III. (In *Modern Language Review*, vii. 3, July 1912.)

Dr. L. A. Willoughby.

(11) Dante Gabriel Rossetti and German Literature. Oxford: University Press, 1912.

Department of Italian. (Dr. Antonio Cippico.)

Dr. Antonio Cippico.

(1) Il più grande dei Dalmati: Niccolò Tommaseo poeta. (A lecture delivered in Rome and in Vienna.)
(2) Per la più grande Italia. (Fortì: Valbonesi, 1912.)
(3) Discorso sul "Re Lear." (*Bollettino del Circolo Accademico Italiano di Vienna*, 1913.)
(4) Un Lirico di Dalmazia: Arturo Colautti. (A lecture delivered in Milan.)
(5) Reviews of books on Italian subjects, and articles in different Italian magazines.

Mr. Edmund G. Gardner (Barlow Lecturer).

(1) Dante and the Mystics. (London, Dent, 1913.)
(2) The Lyrical Poetry of Dante: critical text, translation, and commentary. (Nearly ready.)
(3) Reviews of books on Italian subjects in the *Daily Chronicle*.

Department of Phonetics. (Mr. Daniel Jones.)

Daniel Jones.

(1) Phonetic Readings in English. (Winter, Heidelberg, 1912.)
(2) An English Phonetic Dictionary. [In collaboration with Dr. H. Michaelis.] (Meyer, Hanover).
(3) A Cantonese Phonetic Reader. [In collaboration with Mr. Kwing Tong Woo.] (University of London Press.)
(4) *Le Maître Phonétique*, the journal of the International Phonetic Association.
(5) Phonetics and its Applications. (*The Educational Review, Madras*, April 1913.)

Department of History. (Professors F. C. Montague, A. F. Pollard, and Mr. M. O. B. Caspari.)

Professor Pollard.

(1) Henry VIII. New impression. (Longmans, 1913.)
(2) Liberty: Medieval and Modern. (*Yale Review.*) 1913.
(3) The Meaning of "Contementum" in Magna Carta. (*English Historical Review*, Jan. 1913.)
(4) Historical Association Bulletin, 1913. Chapter on Tudor History.
(5) Reviews in the *English Historical Review* and *The Times*.

Professor F. C. Montague.

(6) Reviews in the *English Historical Review*.

Dorothy Bigby.

(9) An Unknown Treaty between England and France. (*English Hist. Rev.*, April 1913.)

E. Jeffries Davis.

(8) Some unpublished *Journal* of the House of Commons. (*English Hist. Rev.*, July 1913.)

A. P. Newton.

(9) The Puritan Aristocrats in Colonization. (Yale University Press, 1913.)

Mr. M. O. B. Caspari.

(1) On some Problems of Roman Agrarian History. (*Klio*, April 1913.)
(2) On the Revolution of the Four Hundred at Athens. (*Journal of Hellenic Studies*, 1913, pt. 1.)

(3) On the Egyptian Expedition of 459–4 B.C. (*Classical Quarterly*, July 1913.)
(4) On the Parliament of the Achæan League. (*English Historical Review.*) (Ready shortly).
(5) Chapter on Greek History. (In *The Year's Work in Classical Studies*, 1912.)
(6) Chapter on Ancient History. (In *The Historical Association Bulletin*, 1913.) (Ready shortly.)
(7) A Chapter on Classical Scholarship. (In the *Encyclopædia Britannica Year-Book*, 1913.)
(8) Reviews in the *Journal of Hellenic Studies.*

N. H. BAYNES.

(9) The Restoration of the Cross at Jerusalem. (*English Historical Review*, xxvii. pp. 287–299.)
(10) 'Valens' as a Title. (*Engl. Hist. Rev.*, Jan. 1913.)
(11) The Military Operations of the Emperor Heraclius. (*United Service Magazine*, Feb, March, April, May, June, 1913; will be completed in the July and August numbers, and will be published in book form in the autumn.)
(12) The Slaying of the Emperor Julian: a Note on a Christian Legend. Paper read before the International Congress of Historical Studies, April 1913.
(13) Reviews in the *English Historical Review* and the *Byzantinische Zeitschrift.*

Department of Archæology. (Professor E. A. Gardner.)

Professor E. A. GARDNER.

(1) The Boston Counterpart of the Ludovisi Throne. (*Journal for the Promotion of Hellenic Studies*, 1913, 1.)
(2) Various Reviews in the *Athenæum*, the *Times*, the *Journal of Hellenic Studies*, etc.

H. G. SPEARING.

(3) The Childhood of Art. (Kegan Paul, 1912.)

Department of Assyriology. (Dr. T. G. Pinches.)

Dr. T. G. PINCHES.

(1) The Babylonian Month-names of the 5th Series. (*Proceedings of the Society of Biblical Archæology*, Dec. 1912.)
(2) The Sumerians of Lagaŏ. (*Proceedings of the Soc. of Bibl. Arch.*, Jan. 1913.)
(3) Notes upon the Early Sumerian Mouth-names. (*Proceedings of the Soc. of Bibl. Arch.*, April 1913.)
(4) Eridu=Babylon, Unuk and Uruk, Kibêgi=Kingi. (*Ib.*, May 1913.)
(5) Further Light upon Early Babylonian History. (*Expository Times*, Sept. 1912.)
(6) Elamites and Family. (In Hastings's *Encyclopaedia of Religion and Ethics*, vol. v.)

Department of Egyptology. (Professor W. M. Flinders Petrie.)

Professor PETRIE.

(1) The Hawara Portfolio. 24 coloured plates.
(2) Architecture (Egyptian). (Hastings' *Dictionary of Ethics.*)
(3) Egyptian Religion. (*Same.*)

Professor PETRIE and Students.

(4) Tarkhan I. 50 pp., 81 plates.

MARGARET A. MURRAY.

(5) Ancient Egyptian Legends.

Department of Philosophy and Psychology. (Professors G. Dawes Hicks and C. Spearman, and Dr. Wolf.)

Professor G. D. HICKS.

(1) The Nature and Development of Attention. (*British Journal of Psychology*, 1913.)
(2) Are Intensity Differences of Sensation Quantitative? (*British Journal of Psychology*, 1913.)
(3) The Nature of Willing. (*Proceedings of Aristotelian Society*, 1913.)
(4) Recent Criticism of Kant's Theory of Knowledge. (*Mind*, July, 1913.)
(5) Shadworth H. Hodgson. (*Proceedings of British Academy*, 1913.)
(6) Survey of Philosophical Literature. (*Hibbert Journal*, Oct. 1912, Jan., April, and July, 1913.)
(7) English Philosophy in 19th Century. (*Ueberweg's Geschichte der Philosophie*, new edition, 1913.)

Professor SPEARMAN.

(8) The Correlation between Sums and Differences. (*Journal of Psychology*, 1913.)

Dr. A. WOLF.

(9) The Philosophy of Probability. (*Proceedings of the Aristotelian Society*, vol. xiii.)
(10) Exercises in Logic and Scientific Method. (Published by the London School of Economics.)
(11) Democracy and Education. (*The London Teacher*, January 1913.)
(12) J. Petzoldt's *Das Weltproblem vom Standpunkte des Relativistichen Positivismus.* (*Mind*, vol. xxi.)
(13) P. Coffey's *Science of Logic.* (*Mind*, vol. xxii.)
(14) C. S. Montefiore's *Liberal Judaism.* (*Hibbert Journal*, vol. xi.)
(15) Bergson's *Psychology of Laughter.*
(16) Bergson's *Philosophy of Change.*
(17) J. M. Stewart's *Critical Exposition of Bergson's Philosophy.*
(*Jewish Review*, vol. iii.)

CARVETH READ.

(18) Comparative Method in Psychology. (*Journal of Psychology*, 1913.)

Dr. F. Aveling.

(19) On the Consciousness of the Universal and the Individual. (Macmillan and Co., 1912.)

(20) Confirmations Expérimentales d'une Théorie du Processus Cognitif. (*Annales de l'Institut Superieur de Philosophie, Université de Louvain*, tome ii.)

J. Flügel.

(21) The Influence of Attention on Reversible Perspective. (*Journal of Psychology*, 1913.)

(22) Some observations on local fatigue in Illusions of Reversible Perspective. (*Journal of Psychology*, 1913.)

A. Wohlgemuth.

(23) On Memory and the Direction of Association. (*Journal of Psychology*, 1913.)

(24) Neue Apparate zur Prüfung der Temperaturpunkte der Haut. (*Zeitschrift für physiologische Psychologie*, 1913.)

Department of Geography. (Professor L. W. Lyde.)

Professor L. W. Lyde.

White Men in the Australian Tropics. (*United Empire.*)

Department of Geology. (Professor E. J. Garwood.)

Professor E. J. Garwood.

(1) The Lower Carboniferous Succession in the North West of England. (*Quarterly Journal, Geological Society*, Dec. 1912, vol. lxviii. pp. 449–573, 6 plates, 4 maps, and sections.)

(2) Arctic Glaciers and British Ice-Sheets. (Pres. Address to Geographical Assoc., Jan. 1913. (*Geographical Teacher*, June 1913.)

Madeline Munro.

(3) Description of some New Forms of Trepostomatous Bryozoa from the Lower Carboniferous Rocks of the North West of England. (*Quarterly Journal, Geol. Soc.*, Dec. 1912, vol. lxviii. pp. 574–579, 5 text-figs.)

Department of Constitutional Law. (Acting-Professor J. H. Morgan.)

Acting-Professor J. H. Morgan.

(1) The Home Rule Bill. (*Nineteenth Century*, January 1913.)

(2) Imperial Studies in London. (The *Times*, February 4th, 1913.)

Department of Pure Mathematics. (Professor M. J. M. Hill.)

Professor M. J. M. Hill.

(1) On the Continuation of the Hypergeometric Series. (*Proceedings of the Fifth International Congress of Mathematicians*, Cambridge 1912, vol. i. pp. 375–383.)

(2) On the Teaching of the Theory of Proportion. (*Proceedings of the Fifth International Congress of Mathematicians*, Cambridge 1912, vol. ii. pp. 545–568.)

Dr. WHITEHEAD.

(3) Principia Mathematica, Vol. III. (with Mr. Bertrand Russell).
(4) Presidential Address to the London Branch of the Mathematical Society. (*Mathematical Gazette*, March 1913.)
(5) The Principles of Mathematics in Relation to Elementary Teaching. (*5th Internateonal Congress of Mathematics, Proceedings*, and also in *L'Enseignement Mathématique*, March 1913.)

H. E. J. CURZON.

(6) On the Connexion between the Functions of Hermite and the Functions of Legendre. (*Proceedings of the London Mathematical Society*, Series 2, vol. 12, pt. 3, pp. 236–259.)

Department of Applied Mathematics. (Professor L. N. G. Filon.)

Professor L. N. G. FILON.

On a Symbolic Proof of Fourier's Theorem. (*Mathematical Gazette.*)

Department of Applied Statistics. (Professor Karl Pearson.)

(Including the Eugenics and Biometric Laboratories.)

Miss ETHEL M. ELDERTON, H. LASKI, Miss AMY BARRINGTON, Miss H. GERTRUDE JONES, and Professor KARL PEARSON.

(1) On the Correlation of Fertility with Social Value: a Cooperative Study. (*Eugenics Laboratory Memoirs*, No. XVIII.)

W. PALIN ELDERTON and SIDNEY J. PERRY.

(2) A Fourth Study of the Statistics of Pulmonary Tuberculosis: The Mortality of the Tuberculous; Sanatorium and Tuberculin Treatment. (*Drapers' Co. Research Memoirs*, Studies in Natural Deterioration, No. VIII.)

Professor KARL PEARSON, E. NETTLESHIP, and C. H. USHER.

(3) Albinism in Man. Part II. Text, pp. 265–524. Atlas, Plates α–ω, $\alpha\alpha$–$\zeta\zeta$. (*Drapers' Co. Research Memoirs*, Biometric Series, No. VIII.)
(4) Albinism in Man. Part IV. Text. Pedigrees Nos. 1–654, Extra Pedigrees A–Z, AA–DD, Bibliography Nos. 1–700. Atlas Plates I–LVIII. (*Drapers' Co. Research Memoirs*, Biometric Series No. IX.)

Professor KARL PEARSON.

(5) Eugenics and Public Health. (*Questions of the Day and the Fray*, No. VI.)
(6) On the Measurement of the Influence of Broad Categories on Correlation. (*Biometrika*, vol. ix. pp. 116–139.)
(7) The Honduras Piebald. (*Biometrika*, vol. ix. pp. 330–1.)
(8) Tables for the Use of Statisticians and Biometricians. (At Press.)

(9) La Grammaire de la Science. La Physique. Par Karl Pearson. Traduit par Lucien March, Directeur de la Statistique générale de France.

Dr. David Heron.

(10) The Results of the Reformatory Treatment of Inebriates. (*British Association Report*, 1912, p. 551.)

(11) Mendelism and Mental Defect: a Criticism of Recent American Work. (*Questions of the Day and the Fray*, No. VII.)

Professor Karl Pearson and Dr. David Heron.

(12) On Theories of Association. (*Biometrika*, vol. ix. pp. 159–315.)

Professor Karl Pearson and Miss Ethel M. Elderton.

(13) On the Hereditary Character of General Health. (*Biometrika*, vol. ix. pp. 320–329.)

Miss Julia Bell.

(14) Bibliography of Current Literature: Biometry and Eugenics. Nos. 1–362. (*Biometrika*, vol. ix. pp. 140–158.)

H. E. Soper.

(15) On Multiple Cases of Disease in the same House: General Theory. (Just ready.)

Miss Kathleen V. Ryley, Miss Julia Bell and Professor Karl Pearson.

(16) On the Nasal Bridge in Man and the Anthropoid Apes. (At Press.)

Dr. D. H. de Souza.

(17) On the Correlation of the Internal Diameters of the Pelvis and of External Measurements on the Living. (Just ready.)

H Isserlis.

(18) On the Prediction of the Internal Capacity from the measurement of the External Diameters in the Case of the Negro Skull, and on the relation of the Formulæ to those for Europeans. (Just ready.)

L. Whitaker.

(19) On the Law of Small Numbers: its Application to the Probable Error of Small Frequencies, and an Examination of its use by Statisticians. (Just ready.)

Department of Physics. (Professor F. T. Trouton.)

Mr. A. W. Porter and W. B. Haines.

(1) On Spark Photographs at Pressures above Atmospheric. (*Röntgen Society.*)

Mr. A. W. Porter and Dr. Edridge-Green.

(2) On Negative After-Images: a Reply to Dr. Burch. (Ready for publication.)

Mr. A. W. Porter and B. A. Keen.

(3) On the Light Transmitted past Obstacles whose Size is comparable with the Wave-length. (Ready for publication.)

Mr. A. W. Porter.

(4) Tables Annuelles Internationales de Constantes. (*Compressibilité, Thermodynamique, Diffusion, etc.*, vol. ii.)

Mr. A. W. Porter.

(5) Die Physik in Grossbritannien, 1912. (*Internationale Monatschrift*, Oct. 1912, March 1913.)

Dr. A. O. Rankine.

(6) On a New Method for Determining the Viscosities of Vapours, with applications to Bromine Vapour. (Ready for publication.)

C. Cuthbertson and M. Cuthbertson.

(7) On the Refraction and Dispersion of the Halogens, Halogen Acids, Ozone, Steam, Oxides of Nitrogen and Ammonia. (*Roy. Soc. Transactions*, 1913.)

C. Cuthbertson.

(8) On the Refraction and Dispersion of Gaseous Compounds and the Cause of the Divergence from Additive Relations. (*Phil. Mag.*, April 1913.)

Dr. E. N. da C. Andrade.

(9) On a New Method of Producing the Flame Spectra of Halogen Compounds. (*Physical Society*, 1913.)
(10) Modern work on Phosphorescence. (Ready for publication.)
(11) On the Viscous Flow of Metals, Part II. (Nearly ready.)
(12) On the Behaviour of Metallic Vapours in Flames. (*Phil. Mag.*, Nov. 1912.)

Mr. R. G. Lunnon.

(13) On the Latent Heat of Evaporation of Salt Solutions. (*Physical Society*, 1913.)

B. B. Baker.

(14) On the Stretching and Fracture of Metallic Sodium and Potassium. (*Physical Society*, 1913.)

Department of Chemistry. (Professors Sir William Ramsay and J. Norman Collie.)

Professor Sir William Ramsay.

(1) The occurrence of Helium in the Gas from the Interior of X-Ray Bulbs. (*Trans. Chem. Soc.*)
(2) Le rôle de l'hélium dans la nature. (*Gazzetta chimica Italiana*, June, 1913.)

Professor J. Norman Collie and Hubert S. Patterson.

(3) The Presence of Neon in Hydrogen after the Passage of the Electric Discharge through the latter at Low Pressures. (*Trans. Chem. Soc.*)

P. May and Dr. S. Smiles.

(4) Some Reactions of Sulphoxylic Acids. (*Proc. Chem. Soc.*)

T. J. Nolan and Dr. S. Smiles.

(5) Thio-oxonium Salts. (*Proc. Chem. Soc*)
(6) Interaction of Bromine and the Sulphides of β-Naphthol. Part II. (*Trans. Chem. Soc.*)
(7) Naphthathioxin and Iso-naphthathioxin. (*Trans. Chem. Soc.*)
(8) The Sulphides of β-Naphthol and the Constitution of β-Naphthol. (*Trans. Chem. Soc.*)

Dr. T. P. Hilditch and Dr. S. Smiles.

(9) Intramolecular Rearrangement of Diphenylamine Sulphoxide. Part IV. (*Trans. Chem. Soc.*)

R. Wright.

(10) Absorption Spectra of Acids and Salts. (*Trans. Chem. Soc.*)

C. R. Crymble.

(11) Absorption Spectra of Mercury Compounds. (Ready for publication.)

O. L. Brady.

(12) Oxidation Products of Aconitin. (*Trans. Chem. Soc.*)

E. de B. Barnett.

(13) Vat Dye-Stuffs. (Soc. Dyers and Colourists.)

Dr. W. C. McC. Lewis.

(14) Beiträge zum studium des flüssigen Zustands. EineBerichligung (*Zeit. physikal. Chem.* vol. 81, 1913.)
(15) Internal Pressure and latent Heat of Liquids. (*Phi. Mag.*, Jan. 1913).
(16) Electrochemistry of Solutions in Acetone. Part II. With A. P. Roshdestwensky. (*Journ. Chem. Soc.*, vol. 101, 1912.)
(17) Photokinetics of Sodium Hypochlorite Solutions. (*Journ. Chem. Soc.*, vol. 101, 1912.)

Dr. N. T. M. Wilsmore.

(18) Chemical and Physical Constants. Vol. II.

I. O. Masson.

(19) The Precipitation of Salts by the Corresponding Acids. (*Proc. Roy. Soc. Edinburgh.*)

Department of Botany. (Professor F. W. Oliver.)

Professor F. W. Oliver.

(1) Some Remarks on Blakeney Point, Norfolk. (*Journal of Ecology* vol. i. pp. 4–15.)
(2) (Edited.) The Makers of British Botany. (Cambr. Univ. Press, 1913.)
(3) Notice of the Life of Sir Joseph Hooker. (*Proc. Linn. Soc. Lond.*, 1911–12, pp. 47–62.)

Dr. Sarah M. Baker.

(4) Note on a new Treatment for Silver-leaf Disease in Fruit-trees. (*Annals of Botany*, vol. xxvii p. 172.)
(5) Quantitative Experiments on the effect of Formaldehyd on Living Plants. (*Annals of Botany*, vol. xxvii., July.)

Lady Isabel Browne.

(6) Contributions to our Knowledge of the Anatomy of the Cone and Fertile Stem of Equisetum. (*Ann. of Bot.*, vol. xxvi. pp. 663–705.)

Dr. E. de Fraine.

(7) On the Structure and Affinities of Sutcliffia in the light of a newly discovered specimen. (*Ann. of Bot.*, vol. xxvi. pp. 1031–1066.)

A. C. Halket.

(8) On Various Methods for determining Osmotic Pressures. (*New Phytol.*, 1913, pp. 164–176.)

Mr. T. G. Hill.

(9) Essay on John Hill in *The Makers of British Botany.*

Mr. T. G. Hill and Dr. E. de Fraine.

(10) A consideration of the Facts relating to the Structure of Seedlings. (*Ann. of Bot.* vol. xxvii. pp. 257–272.)

Mr. T. G. Hill (with Dr. Paul Haas).

(11) Introduction to the Chemistry of Plant-Products. (Longmans, 1913.)

Dr. T. L. Prankerd.

(12) On the Structure of the Palæozoic Seed *Lagenostoma ovoides*, Will. (*Journ. Linn. Soc., Bot.* vol. xl. pp. 461–490.)

M. H. Kisch.

(13) The Physiological Anatomy of the Periderm of Fossil Lycopodiales. (*Annals of Botany*, vol. xxvii. pp. 281–320.)

Mr. E. J. Salisbury.

(14) Methods of Palæobotanical Reconstruction. (*Annals of Botany*, vol. xxvii. pp. 273–280.)

Dr. Marie C. Stopes.

(15) Petrifactions of the earliest European Angiosperms. (*Phil. Trans. Roy. Soc. B.*, vol. 213, pp. 75–100, 1912.)
(16) Botany. (Jack's *Universal Library*. Also a translation of the same work into Braille.)
(17) Palæontology *versus* Stratigraphy in New Brunswick. (*Brit. Assoc. Reports*, 1912.)

Department of Zoology. (Professor J. P. Hill.)

Prof. J. P. Hill and Dr. C. H. O'Donoghue.

(1) The Reproductive Cycle in the Marsupial *Dasyurus viverrinus*. (*Quart. Journ. Micros. Sci.*, vol. lix. 1913.)

Dr. C. H. O'Donoghue.

(2) The Structure and Functions of the Corpus Luteum. (*Science Progress*, 1913.)

Mr. D. M. S. Watson.

(3) On some Reptilian Lower Jaws. (*Ann. & Mag. Nat. Hist.*, ser. 8, vol. x. Dec. 1912.)
(4) On some Points in the Structure of the Thorocephalian Skull (*Ann. & Mag. Nat. Hist.*, ser. 8, vol. xi. June 1913.)
(5) The Larger Coal-Measure Amphibia. (*Manchester Memoirs*, June 1913.)
(6) On a New Cynodont from Stormberg. (*Geol. Mag.*, May, 1913.)
(7) On the Limbs of Lystrosaurus. (*Geol. Mag.*, June, 1913.)
(8) The Primitive Tetrapod limb. (*Anat. Mag.*, May, 1913.)

Dr. W. N. F. Woodland.

(9) Notes on the Structure and Mode of Action of the "Oval" in the Pollack (*Gadus pollachius*) and Mugil (*Mugil chelo*). (*Journ. Mar. Biol. Assoc.*, vol. ix. 1913.)

Department of Anatomy. (Professor G. D. Thane.)

Dr. D. E. Derry.

(1) Red Coloration on Ancient Bones from India. (Brit. Assoc. Dundee, 1912.)
(2) An Egyptian Macrocephalic Skull, with the Bones of the Skeleton, (Preliminary Account). (Brit. Assoc., Section H, Dundee, 1912.)
(3) A case of Hydrocephalus in an Egyptian of the Roman Period. (*Journal of Anatomy and Physiology*, July 1913.)

Department of Physiology. (Professor E. H. Starling.)

Prof. W. M. Bayliss.

(1) A simple "Frictionless" Tracing-Point. (*Journal of Physiology*, 1912.)
(2) The Production of Heat in Decerebrate Rigidity. (*Livre Jubilaire*, du Prof. Ch. Richet, 1912.)

Dr. F. W. Edridge-Green.

(3) (With Mr. A. W. Porter, F.R.S.) Negative After-images and Successive Contrast with Pure Spectral Colours. (*Proceedings of the Royal Society, B.*, 1912.)
(4) New Visual Phenomena. (*Journal of Physiology*, 1912.)
(5) Colour Adaptation. (*Proceedings of the Royal Society, B.*, 1912.)
(6) Trichromic Vision and Anomalous Trichromatism. (*Proceedings of the Royal Society, B.*, 1913.)

Dr. C. Lovatt Evans.

(7) The Gaseous Metabolism of the Heart and Lungs. (*Journal of Physiology*, 1912.)
(8) Der Einfluss der Nahrung auf den Amylasegehalt des menschlichen Speichels. (*Biochemische Zeitschrift*, 1913.)

H. Ishikawa and Professor E. H. Starling.

(9) On a Simple Form of Stromuhr. (*Journal of Physiology*, 1912.)

Professor F. P. Knowlton and Professor E. H. Starling.

(10) Experiments on the Consumption of Sugar in the Normal and the Diabetic Heart. (*Journal of Physiology*, 1912.)

Dr. G. C. Mathison.

(11) The Sensory Fibres of the Phrenic Nerve. (*Review of Neurology and Psychiatry*, 1912.)

Dr. R. H. Plimmer.

(12) The Metabolism of Organic Phosphorous Compounds: their Hydrolysis by the Action of Enzymes. (*Biochemical Journal*, 1913.)
(13) The Hydrolysis of Organic Compounds by Dilute Acid and by Dilute Alkali. (*Biochemical Journal*, 1913.)

Dr. R. H. Plimmer and Mr. H. J. Page.

(14) An Investigation of Phytin. (*Biochemical Journal*, 1913.)

G. von Anrep.

(15) On the Part played by the Suprarenals in the Normal Vascular Reactions of the Body. (*Journal of Physiology*, 1912.)
(16) On Local Vascular Reactions and their Interpretations. (*Journal of Physiology*, 1912.)

Dr. John Homans.

(17) The Relation of the Islets of Langerhans to the Pancreatic Acini under Various Conditions of Secretory Activity. (*Proceedings of the Royal Society, B.*, 1913.)

Dr. S. Itami.

(18) The Action of Carbon Dioxide on the Vascular System. (*Journal of Physiology*, 1912).

Department of Pharmacology. (Professor A. R. Cushny.)

Professor A. R. Cushny.

(1) Stimulation of the Isolated Ventricle, with Special Reference to the Development of Spontaneous Rhythm. (*Heart*, iii. p. 257, 1912.)
(2) The Action of Digitalis in Therapeutics. (*Heart*, iv. 33.)
(3) Treatment of Heart-muscle Affections. (*Brit. Med. Journ.*, ii. 1912.)
(4) Zur Arbeit von E. Hug. "Ueber die Wirkung des Skopolamius. (*Arch. f. exp. Path. u. Pharm.*, 70, p. 433.)
(5) Digitalis therapie. (*Berlin Klin. Wochenschrift*, 1913, p. 717.)
(6) On the Pharmacology of the Respiratory Centre. (*Journal of Pharmacology*, iv. p. 363.)

Dr. A. J. Clark.

(7) The Factors Determining Tolerance of Glucosides of the Digitalis Series. (*Journal of Pharmacology*, iv. p. 399.)
(8) The Pharmacology of the Snake's Heart. (*Journal of Pharmacology*, iv. p. 425.)

R. Farrant.

(9) Thyroid Action and Reaction, with Special Reference to Thyroid Tumours. (*Trans. Roy. Soc. Med., Path. Section*, vi. p. 21.)

J. A. Gunn.

(10) Congenital Tolerance of the Rat to Strophanthus. (*Journal of Pharmacology*, iv. p. 225.)

Department of Pathological Chemistry. (Professor Vaughan Harley.)

Professor Vaughan Harley.

(1) Gastric Ulcer and its Treatment. (*British Medical Journal*, 12th October, 1912.)
(2) The Toxins of the Alimentary Canal. (*Proc. Roy. Soc. Med.*, vi., No. 5, pp. 21–36.)

Department of Public Health. (Professor H. Kenwood.)

Professor Kenwood.

(1) Hygiene and Public Health, by Parkes and Kenwood, 5th Edition. (In the Press.)
(2) Annual Report, for the year 1912, as Medical Officer of Health and School Medical Officer to the Bedfordshire County Council.
(3) Some Experiments upon some Items of Practical Disinfection in Homes occupied by Phthisical patients. (Not yet published.)
(4) Micro-organisms and the Public Health. (*Journal of the Society of Sanitary Engineers.*)
(5) The Need for the Closer Linking-up of the School and the Home in the Hygienic interest of the School-child. (Berlin Congress of the Royal Institute of Public Health.)

Professor Kenwood and Miss E. L. Dove.

(6) The Evidence of previous Sewage Contamination in Waters which have passed over certain surfaces and through certain Soils. (Not yet completed.)

F. T. Marchant.

(7) A Note on the Carbolic Acid Coefficient of Disinfectants. (*Journal of Clinical Research.*)

Ronald T. Herdman.

(8) Heights and Weights of Country School Children Analysed, with some Statistical Facts as to their Food. (*The Medical Officer*, May, 1913.)

Department of Mechanical Engineering. (Professor J. D. Cormack.)

Professor J. D. Cormack.

(1) Institution of Civil Engineers: Committee on Reinforced Concrete. "Statement on the Strength of Columns as calculated by the R.I.B.A. Formula," by J. D. Cormack and F. E. Wentworth-Shields.

Dr. W. H. Eccles.

(2) Diurnal Variations of Natural Electric Waves. (*Proc. Roy. Soc., A.*, Vol. 87.)
(3) Applications of Resistance Operators. (*Proc. Physical Soc.*, Vol. 24.)
(4) Bending of Electric Waves round the Globe. (*British Association*, Sept. 1912.)
(5) Production of Oscillations at Spark-gaps in Running Liquids (Joint Paper). (*British Association*, Sept. 1912.)
(6) Resonance in Wireless Telegraphy. (*Electrician*, Jan. 10, 1913.)
(7) Electro-thermal Phenomena at Contacts. (*Proc. Physical Soc.*, June 1913.)
(8) Reviews, Articles, etc. in *Nature*, *The Electrician*, etc.

Mr. A. H. Barker.

(9) Second Paper on Conditions of Heating Guarantees. (*Proc. Institution of Heating and Ventilating Engineers.*)
(10) The Relation between the Physical, Physiological and Psychological Aspects of Warming and Ventilation. (*Proc. Institute of Sanitary Engineers.*)

Department of Electrical Engineering. (Professor J. A. Fleming.)

Professor J. A. Fleming.

(1) The Sources of Energy Available to Man. (Introductory Lecture, October 1912.)
(2) Articles on Electrical Engineering. (In the *Encyclopædia Britannica Year Book*, 1913.)
(3) On some Oscillograms of Condenser Discharges and a Simple Theory of Coupled Oscillatory Circuits. (Read before the Physical Society of London, March 14, 1913.)
(4) An Exhibition of Braun Cathode Ray Tubes and an Electrostatic Machine for working them. (Read before the Physical Society of London, March 14, 1913.)
(5) The Wonders of Wireless Telegraphy. (In the Press.)

Assistant-Professor W. C. Clinton.

(6) English Translation of "Grundzüge für Beleuchtungstechnik," by Dr. L. Bloch.
(7) Electric Wiring. (Third Edition.)

APPENDIX VI.

Return of Attendances of the Members of the College Committee from 4th February, 1913, to 31st January, 1914.

Members of College Committee.	Attendances.			Total.
	College Committee.	Managing Sub-Committee.	Special Sub-Committees.	
No. of Meetings	12	11	26	49
Chairman (Lord Reay)	6	0	3	9
Vice-Chairman (Sir Edward Busk)	9	0	5	14
Treasurer (Mr. F. V. Schuster) * .	8	6	7	21
Principal (Sir Henry A. Miers) *.	7	3	6	16
Provost (Dr. T. Gregory Foster) *.	12	11	23	46
Mr. Walter Baily *	6	4	3	13
Dr. J. Bourne Benson *	10	8	14	32
Prof. Sir John R. Bradford	4	0	2	6
Prof. J. N. Collie *	3	1	3	7
Prof. J. D. Cormack *	10	8	7	25
Dr. G. Carey Foster *	8	10	11	29
Prof. E. A. Gardner *	7	7	0	14
Miss Margaret A. Gilliland *....	10	5	3	18
Sir A. Pearce Gould	3	0	0	3
The Hon. Rupert Guinness *	0	1	1	2
Mr. C. Hawksley	6	0	3	9
The Rt. Hon. Lord Herschell * ..	0	1	0	1
Mr. H. Keene	8	0	2	10
Dr. T. Lambert Mears *	9	4	4	17
Mr. W. E. Mullins *	8	9	6	23
Prof. A. F. Murison *	10	4	2	16
Mr. C. Fellows Pearson	5†	0	0	5
Prof. E. H. Starling.....	1	0	3	4
Mr. A. T. Taylor *	2	7	1	10

* Member of Managing Sub-Committee.
† Possible Attendances 8.

APPENDIX VII.

AUDITOR'S REPORT.

To the Senate of the
University of London.

GENTLEMEN,

Having audited the accounts of the University College, with the books, accounts and vouchers, for the year ended August 31, 1913, I have to report as follows:—

The accounts presented consist of:—

1. *College Establishment Income and Expenditure Account.*
2. *College Trust Funds Income and Expenditure Account.*
3. *General Balance Sheet of the College.*
4. *Pension Fund Balance Sheet.*
5. *Trust Funds Balance Sheet (including a Schedule of Invested Funds).*

1. COLLEGE ESTABLISHMENT INCOME AND EXPENDITURE:

You will see that the result of the year's working (after including debtors and creditors) shows an Income of £66,694 2*s.* 8*d.* (as against £55,656 17*s.* 8*d.* last year) and an Expenditure of £66,867 13*s.* 0*d.* (as against £50,108 18*s.* 4*d.* last year), an excess of Working Expenditure over Income of £173 10*s.* 4*d.* (as against an excess of Income over Expenditure of £5,547 19*s.* 4*d.* last year). The alteration in the method of presenting the details of this account (so as, so far as possible, to harmonize with the form of the Board of Education Schedule) renders it almost impracticable (this year) to compare the items of Income and Expenditure with those of last year. This difficulty will no doubt be overcome next year.

2. COLLEGE TRUST FUNDS INCOME AND EXPENDITURE ACCOUNT:

As last year, not only the Receipts of the various Trusts, but the amount of Income available (after adjusting the previous year's balances) for employment in the year, has been shown. It will be

seen that the Income was, Receipts £9,026 5*s.* 7*d.* (£8,664 15*s.* 0*d.* in 1911–12), increased by the addition of the initial balances to £10,379 6*s.* 0*d.* (£10,027 1*s.* 3*d.* in 1911–12); while the Expenditure was £9,053 4*s.* 0*d.* (£8,674 0*s.* 10*d.* in 1911–12), leaving the balance to be carried forward £1,326 2*s.* 0*d.* (£1,353 0*s.* 5*d.* in 1911–12).

3. General Balance Sheet of the College:

On the debit (or "Liabilities and Capital") side of the Balance-Sheet, you will find:—

	£	*s.*	*d.*
College General Capital Account (including £60,756 2*s.* 2*d.* received from the Equipment and Endowment Executive Committee, and Lady Goldsmid's Fund, £3,053 11*s.* 1*d.*).			
As per last Balance Sheet .. £226,934 17 3			
Pharmacology Institute (Expended to date) 5,429 18 8			
	232,364	15	11
College General Income and Expenditure Account	984	12	7
Trust Funds Revenue Account	1,326	2	0
Loan from Bankers	5,000	0	0
Sundry Creditors	1,900	16	10
Outstanding Accounts and Unexpended balances..	4,862	12	0
Total.....	£246,438	19	4

While on the credit (or "Assets") side, we have:

College, Freehold Land, Buildings, Furniture, Library, &c. (approximate valuation of August 31, 1897) £186,000 0 0			
Physiology Institute 21,842 14 10			
Pharmacology Institute 5,429 18 8			
	213,272	13	6
Suspense Account, Sculpture Studios.....	143	19	9
Investments: Maintenance Fund £14,017 4 3			
Lady Goldsmid Fund 3,053 11 1			
	17,070	15	4
Gower Street Houses (at cost)	4,500	0	0
Refectory Department, Plant &c.	422	4	10
Electric Rewiring and Heating	65	3	10
Outstanding Accounts	641	8	6
Purchase of All Saint's Church	5,900	0	0
Deposit with Bankers	2,555	15	11
Cash at Bank (Current Account), in transit and in hand	1,866	17	8
Total.....£246,438	19	4	

4. Pension Fund Balance Sheet:

As last year, while detailed accounts have been prepared for the "Committee of Administration of the Pension Fund" it has been thought only necessary to include in the College Accounts presented to you the Balance Sheet of the Fund as on August 31, 1913. From this, you will see that the total contributions (one moiety Beneficiaries' and one moiety College) to August 31, 1913, amounted to £7,542 14*s.* 11*d.*, while the interest credited on this sum was £178 12*s.* 6*d.*—together £7,721 7*s.* 5*d.* and less payments to Sir Wm. Ramsay £565 16*s.* 1*d.* left £7,155 11*s.* 4*d.* The amount at credit of the Augmentation Fund is £119 19*s.* 7*d.* (as last year). The College appears as a creditor for £27 4*s.* 4*d.* or total liabilities £7,302 15*s.* 3*d.* It will be seen that this amount was in the hands of the Commercial Union Assurance Co. on August 31, 1913, representing:—

The Beneficiaries Accounts	£7,155	11	4
Augmentation Account	119	19	7
Total Fund.....	£7,275	10	11
Creditors	27	4	4
	£7,302	15	3

5. Trust Funds Balance Sheet (including a Schedule of Invested Funds):

On the debit (or "Liabilities and Capital") side of the Balance Sheet, you will find:—

	£	*s.*	*d.*
College Trust Funds Capital Account.....	£286,236	4	9
Do. do. Revenue do.	1,326	2	0
	£287,562	6	9

While on the credit (or "Assets") side we have:—

	£	*s.*	*d.*
Investments at cost	286,236	4	9
(the approximate value of the day being £244,040 0*s.* 10*d.*)			
Amount owing by the College (Trust Income in hand)	1,326	2	0
	£287,562	6	9

I have pleasure in again testifying to the care and ability shown by the College Accountant in his work, while I have to thank the Provost once more for his uniform courtesy and kindness.

I am, Gentlemen,

Yours faithfully,

G. WALTER KNOX.
Auditor to the University.

16 Finsbury Circus, London, E.C.
December 16th, 1913.

APPENDIX VIII.

UNIVERSITY OF LONDON, UNIVERSITY COLLEGE.

ACCOUNTS

For the year ended August 31st, 1913.

College Establishment—Income and Expenditure.

College Trust Funds—Income and Expenditure.

General Balance Sheet.

Pension Fund Balance Sheet.

Trust Funds Balance Sheet.

Schedule of Investments.

EXPENDITURE.

	£ s. d.	£
To **Administration**:—		
Salaries of Administrative Officers and Clerical Staff	3,488 17 5	
Advertising	358 1 10	
Printing and Stationery	1,228 2 6	
Auditor's Fee	31 10 0	
Other expenses of Administration, Postages, etc.	614 1 10	
		5,72
To **Alteration of Buildings**:—		1,00
To **Maintenance Charges**:—		
Rates, Taxes, and Insurance	2,272 9 11	
Heating, Lighting, and Water	1,994 0 9	
Ordinary Repairs and General Maintenance of Buildings	3,393 7 6	
Wages of Porters and Attendants	2,115 17 0	
Furniture	94 3 8	
Grounds	83 14 6	
Household Stores	177 7 0	
Athletic Grounds	125 0 0	
		10,25
		16,97
To **Remuneration of Teachers and Expenditure on Laboratories, Libraries, etc.**		
Salaries of Professors and Readers	25,584 3 8	
Salaries of Lecturers and Assistants	10,057 13 1	
Museum and Laboratory Attendants	2,197 11 6	
Departmental Apparatus Grants	3,405 11 6	
Librarian and Library Staff	975 12 10	
Libraries	1,387 16 6	
		43,60
To **College Contribution to Pension Fund**		72
To **Scholarships, Exhibitions and Prizes**:—		
From Endowments	1,495 16 5	
From Sources other than Endowments	517 11 11	
		2,01
To **Other Expenditure**:—		
Examinations: Fees to Examiners	39 8 6	
Rents and other payments for use of buildings, etc.	221 5 0	
Interest on Loan from Bank	4 11 3	
Refectory Deficit	109 15 10	
Payments to other Colleges	1,384 14 10	
Payments to Union Societies	938 9 6	
Sculpture Studios	100 0 0	
Advance for Slade Record (amount written off)	50 0 0	
Miscellaneous	37 4 1	
		2,88
Trust Funds Dividends Invested		65
		£66,86
To **Balance** brought down		17
To **Balance** carried down		98
		£1,15

ACCOUNT FOR THE YEAR ENDED AUGUST 31ST, 1913. *Cr.*

INCOME.

	£ s. d.	£ s. d.	£ s. d.
By **Fees**:—			
General (including £1,306 18*s.* 9*d.* for Intercollegiate Teaching)		26,009 5 0	
Registration and Examination	.....	218 1 6	
			26,227 6 6
By **Practical Anatomy Dissection Fees**:—			
Balance brought forward from Session 1911–12	.....	298 15 11	
Received, Session 1912–13	.....	119 3 6	
		417 19 5	
Less Balance carried forward to Session 1913–14	.....	378 12 8	
			39 6 9
By **Endowments** (Trust Funds):—			
Appropriated for Salaries of Professors and other Teachers	.....	5,000 11 0	
Appropriated for Scholarships and Prizes	.....	1,495 16 5	
Appropriated for purposes other than the above	.....	1,898 0 7	
Transferred to Capital	.....	658 16 0	
			9,053 4 0
By **Donations and Subscriptions**:—			
From Private Individuals	.....	1,906 8 1	
From Bodies:—			
Carpenters' Company (Architecture):—	.....	250 0 0	
Crabb Robinson Trustees	.....	210 0 0	
Drapers' Company (Applied Statistics):—			
Balance brought forward from Session 1911–12	583 3 4		
Received, Session 1912–1913 (including £75 2*s.* for Sale of Memoirs)	475 2 0		
	1,058 5 4		
Less Balance carried forward to Session 1913–14	439 17 7		
		618 7 9	
Jevons Memorial Fund:—			
Balance brought forward from Session 1910–11	.....	35 0 0	
			3,019 15 10
By **Grants from Local Authorities**:—			
London County Council	931 14 0		
Less amount included in Fees (£ s. d.: 891 9 0)			
Examination Fees (35 0 0)			
Apparatus Charges (5 5 0)			
	931 14 0	.....	
London County Council (University Account):—			
Heating and Ventilating Engineering	.....	300 0 0	
Schools of History and Phonetics	.....	680 0 0	
Lectures for Teachers	.....	320 0 0	
Chemistry, German, and Physiology	.....	3,881 5 0	
Electrical Engineering	.....	600 0 0	
Libraries			
Balance brought forward from Session 1911–12	385 19 0		
Received, Session 1912–13	450 0 0		
	835 19 0		
Less Balance carried forward to Session 1913–14	151 4 4		
		684 14 8	
			6,165 19 8
By **Parliamentary Grants**:—			
Treasury Grant	.....	16,000 0 0	
Board of Education (Professional Education)	.....	2,773 6 8	
Board of Education (Superannuation and Pension Fund Suspense Account)	2,137 10 0		
Less Balance carried forward to Session 1913–14	2,002 13 4		
(being £124 16*s.* 8*d.* appropriated to make up College Contribution to Pension Fund and £10 for Administration charges.)		134 16 8	
Board of Education (Fees and Apparatus)	2,320 7 6		
Less amount included in Fees (£ s. d.: 2,285 17 0)			
Apparatus charges (34 10 6)			
	2,320 7 6	.....	
Indian School Grant	.....	300 0 0	
			19,208 3 4
By **Other Income**:—			
Interest and Dividends:—			
Interest on Deposits	238 9 3		
Lady Goldsmid Fund	114 10 2		
Maintenance Fund	429 12 3		
Do. Do. (Bawden)	640 0 0		
Holme Fund	340 19 11		
Library Deposit Fund	10 6 7		
Pension Fund (Administration Charges)	21 19 4		
		1,795 17 6	
Rents, Sales, etc.:—			
Houses and Land	174 6 3		
Refectory and Societies	159 8 8		
Lockers	112 19 0		
Sales of Calendars, etc.	131 19 7		
Chemistry Department	169 16 3		
Chemistry Department Stores, Amount repaid in respect of initial expenditure	30 0 0		
Miscellaneous	75 19 4		
		884 9 1	
			2,680 6 7
			66,694 2 8
By Balance carried down, being excess of Expenditure over Income for the Year	.....	.....	173 10 4
			£66,867 13 0
By Balance brought forward from Session 1911–12	.....	.....	1,158 2 11
			£1,158 2 11
By Balance brought down (see Balance Sheet, p. 94)	.....	.....	984 12 7

UNIVERSITY OF LONDON,

Dr. COLLEGE TRUST FUNDS INCOME AND EXPENDITURE

EXPENDITURE.

	1912–1913.	1911–1912.
To Application of Trust Funds Dividends, viz.:—	£ s. d.	£ s. d.
Andrews: Scholars and Expenses	189 19 0	204 12 0
Astor: Professors	528 14 9	528 15 4
Barlow: Lecturer and Expenses	25 12 2	25 12 0
Bayliss: Apparatus	66 17 10	59 12 8
Berridge: Professor, Assistant, Apparatus and Expenses	298 9 10	298 3 1
Bucknill: Scholars and Expenses	228 8 0	111 4 0
Campbell Clarke: Scholar and Expenses	42 6 0	42 8 0
Celtic: Lecturer, Books and Expenses	21 15 5	4 9
Cluff: Prize	15 0 0	.....
Crabb Robinson (Flaxman): Beadle and Repairs to Flaxman Gallery.	88 16 4	90 14 0
De Moleyns: Electrical Apparatus	15 0 10	15 0 8
Derby: Scholars and Expenses	63 0 0	63 3 0
Edwards: Professor	155 11 0	151 0 8
Fielden: Professor, Scholar and Expenses	192 19 2	210 10 0
Foster, Carey: Prize	6 16 0	6 6 0
Geological Museum: Apparatus	10 15 9	15 0 0
Goldsmid Professorships: Professors	98 13 10	98 14 0
Goldsmid, Sir F. H., Bart.: Professors, Scholar and Expenses	475 12 0	447 17 0
Do. Do. Do.: College Establishment	435 19 2	463 15 0
Goodall: Scholar	22 1 0	1 1 0
Grant: Purchase and binding of Books and Expenses	62 10 4	70 17 3
Griffith: Assistants	66 0 0	69 0 0
Grote: Professor	222 14 0	222 14 0
Grove: Expenses	3 12 0	3 6
Head: Prize and Expenses	5 1 0	4 8 9
Heimann: Medals	14 0	1 11 0
Hobbes, John Oliver: Scholar and Expenses	21 7 0	21 6 0
Hollier: Scholars, Examiners and Expenses	148 13 0	149 1 0
Hume: Examiners, Dividends Invested and Expenses	84 19 0	51 17 0
Jessel: Students and Expenses	85 13 0	88 2 0
Jews' Commemoration: Scholars and Expenses	31 13 0	31 15 0
Jodrell Physiology: Professor	264 13 8	264 13 8
Jodrell Zoology: Professor	252 13 9	252 14 0
Lewis, Bunnell: Prizes, Dividends Invested and Expenses	24 6 6	46 11 6
Lloyd: Dividends Invested and Expenses	18 15 0	30 16 11
Malden: Scholar, Medal, Dividends Invested and Expenses	41 18 0	22 3 0
Melvill Nettleship: Prize	4 0 0	4 0 0
Mill: Expenses	1 11 0	31 12 0
Mocatta: Purchase and binding of Books and Expenses	61 15 5	110 15 1
Morison: Lecturer and Expenses	151 12 6	.....
Morison Scholarship: Expenses	3 13 0	.....
Morley: Medal	13 5	13 4
Morris Bursary: Bursar and Dividends Invested	45 14 5	16 0 0
Morris Prize: Prize	4 0 6	3 5 0
Murray: Expenses	7 0	.....
Newmarch: Lecturer	60 0 0	60 19 2
Peel Memorial: Books, etc. for Working Men's Societies	39 8 1	94 19 9
Peene: Purchase and binding of Books	51 12 10	52 13 2
Pender Memorial: Electrical Apparatus	131 11 11	131 11 10
Postgate: Prize and Dividends Invested	14 1 7	5 0 0
Quain: Professors, Assistants, Apparatus and Expenses	1,673 14 0	1,677 19 0
Quain Law: Professor and Expenses	384 6 1	384 5 8
Retired Professors: Dividends Invested	300 0 0	250 0 0
Ricardo: Purchase of Books and Expenses	12 12 2	22 8 0
Rothschild, Hester & L. M. (Halfon): Prizes, Dividends Invested and Expenses	47 11 0	42 12 0
Rothschild, Mayer de: Scholars and Expenses	44 8 0	86 10 0
Schäfer: Prize	.....	.....
Sharpey: Scholar	102 6 0	111 0 8
Slade Prizes: Prizes, Dividends Invested and Expenses	111 14 0	68 18 0
Slade Professorship: Professor	231 14 0	231 14 0
Slade Scholarships: Scholars, Models and Expenses	319 15 0	319 14 4
Thompson-Yates: Professor	31 10 0	31 10 0
Tuffnell: Scholars and Expenses	249 0 0	89 10 0
Warr: Bursar	.....	.....
Watson, Ellen: Scholar, Dividends Invested and Expenses	36 0 0	16 1 0
West: Scholar and Expenses	31 12 0	61 14 0
Women's History: Purchase of Books	6 12 8	6 17 6
Yates Archæology: Professor and Expenses	314 6 3	302 7 8
Yates Geology: Professor and Expenses	268 9 10	298 1 11
	£9,053 4 0	£8,674 0 10
Balance (see Balance Sheet, page 98)	1,326 2 0	1,353 0 5
	£10,379 6 0	£10,027 1 3

UNIVERSITY COLLEGE.

ACCOUNT FOR THE YEAR ENDED AUGUST 31ST, 1913. *Cr.*

INCOME.

By Trust Funds Dividends, viz.:—	1912-1913. Receipts during the Year. £ s. d.	1912-1913. Total Income (after adjusting the previous year's balances). £ s. d.	1911-1912 £ s. d.
Andrews	198 19 2	188 16 3	194 9 1
Astor	528 14 9	528 14 9	528 15 4
Barlow	25 12 2	26 18 11	26 18 9
Bayliss	66 17 10	66 17 10	59 12 8
Berridge	298 9 10	298 9 10	298 3 1
Bucknill	158 3 0	539 16 10	492 17 10
Campbell Clarke	45 13 3	63 14 2	60 8 11
Celtic	21 4 9	31 6 0	10 6 0
Cluff	8 0 0	12 11 11	4 11 11
Crabb Robinson (Flaxman)	90 0 2	136 0 4	136 14 2
De Moleyns	15 0 10	15 0 10	15 0 8
Derby	59 12 2	107 12 5	111 3 3
Edwards	151 0 4	155 11 0	155 11 4
Fielden	200 0 0	192 19 2	203 9 2
Foster, Carey	5 17 10	14 14 2	15 2 4
Geological Museum	10 15 3	10 15 9	15 0 6
Goldsmid Professorships	98 13 10	98 13 10	98 14 0
Goldsmid, Sir F. H., Bart.	911 11 2	911 11 2	911 12 0
Goodall	20 5 8	99 5 11	80 1 3
Grant	66 0 4	62 10 4	67 7 3
Griffith	66 11 10	66 14 6	69 2 8
Grote	222 14 0	222 14 0	222 14 0
Grove	62 19 11	62 16 5	.....
Head	4 19 10	8 3 8	7 12 7
Hermann	1 15 4	4 1 1	3 16 9
Hobbes, John Oliver (Mrs. Craigie)	27 0 1	57 13 7	51 19 6
Holker	152 13 6	156 12 7	153 0 1
Hume	74 3 0	148 12 3	126 6 3
Jessel	63 15 11	100 11 0	124 17 1
Jews' Commemoration	33 1 10	45 14 9	44 7 11
Jodrell Physiology	264 13 8	264 13 8	264 13 8
Jodrell Zoology	252 13 9	252 13 9	252 14 0
Lewis, Bunnell	32 2 10	72 14 6	87 3 2
Lloyd	15 19 6	34 16 0	49 13 5
Malden	25 1 5	45 17 0	42 18 7
Melvill Nettleship	4 0 0	6 7 4	6 7 4
Mill	30 14 10	33 19 7	34 16 9
Mocatta	78 11 5	61 15 5	93 19 1
Morison	151 12 6	151 12 6	.....
Morison Scholarship	72 16 8	72 16 8	.....
Morley	13 5	13 5	13 4
Morris Bursary	18 1 9	49 17 9	47 16 0
Morris Prize	3 1 1	6 12 11	6 16 10
Murray	6 10 10	6 10 10	.....
Newmarch	60 19 4	60 19 4	60 19 2
Peel Memorial	43 12 11	43 17 11	95 4 9
Peene	51 12 10	51 12 9	52 13 1
Pender Memorial	131 11 11	131 11 11	131 11 10
Postgate	3 11 2	14 12 9	16 1 7
Quain	1,674 6 5	1,675 2 0	1,678 14 7
Quain Law	384 5 11	386 19 3	386 19 0
Retired Professors	276 19 0	496 15 3	469 16 3
Ricardo	48 3 3	40 12 7	14 17 4
Rothschild, Hester & L. M. (Halfon)	51 2 2	78 14 2	70 4 0
Rothschild, Mayer de	47 13 4	64 8 8	103 5 4
Schiller	6 3 2	20 15 9	14 12 7
Sharpey	102 6 0	102 6 0	111 0 8
Slade Prizes	74 3 5	123 16 9	118 11 4
Slade Professorship	231 14 0	231 14 0	231 14 0
Slade Scholarships	319 15 0	319 15 0	319 14 4
Thompson-Yates	31 10 0	31 10 0	31 10 0
Tuffnell	181 1 11	323 3 5	231 11 6
Warr	3 1 1	9 13 7	6 12 6
Watson, Ellen	19 16 2	41 3 4	37 8 2
West	32 0 10	43 11 2	73 4 4
Women's History	6 17 7	6 17 9	6 17 8
Yates Archæology	314 6 3	314 6 3	302 7 8
Yates Geology	282 10 8	268 9 10	284 1 1
	£9,026 5 7	£10,379 6 0	£10,027 1 3

UNIVERSITY OF LONDON,

Dr. GENERAL BALANCE SHEET OF THE

LIABILITIES AND CAPITAL.

	£ s. d.	£ s. d.
To COLLEGE GENERAL CAPITAL ACCOUNT.		
Balance, August 31st, 1912	226,934 17 3	
Pharmacology Institute (Expended to date)	5,429 18 8	
		232,364 15 11
To COLLEGE ESTABLISHMENT INCOME AND EXPENDITURE ACCOUNT. (See Account, page 90)	.....	984 12 7
To TRUST FUNDS REVENUE ACCOUNT. (See Account, page 92)	.....	1,326 2 0
To LOAN FROM BANKERS	.....	5,000 0 0
To SUNDRY CREDITORS	.....	1,900 16 10
To SUNDRY OUTSTANDING ACCOUNTS AND UNEXPENDED BALANCES.	£ s. d.	
Apparatus and Keys Deposits	100 0 0	
Arts Libraries	33 7 7	
Botany Apparatus Account	43 0 9	
Chemistry Department Stores Account	83 18 6	
Composition Fees Suspense Account	1,004 18 6	
Drapers' Company Fund	452 13 1	
University Account (Libraries)	151 4 4	
Mocatta Memorial Library Fund	77 6 5	
Practical Anatomy Dissection Fees	378 12 8	
Subscriptions and Donations Suspense Account	242 1 3	
Superannuation and Pension Fund Suspense Account	2,027 5 9	
Suspense Account	194 0 0	
Sundry Accounts	74 3 2	
		4,862 12 0
		£246,438 19 4

I have audited the above Accounts and Balance Sheet with the books, Report, certify them as being in accordance therewith. I have verified

16 Finsbury Circus, London, E.C.
December 16th, 1913.

UNIVERSITY COLLEGE.

College, August 31st, 1913. *Cr.*

ASSETS.

	£ s. d.	£ s. d.
By College Freehold Land, Buildings, Furniture, Library, etc., being the Land with the Buildings of the College and the Buildings Extensions, at the Approximate Valuation of August 31st, 1897 (as per last Balance Sheet)	186,000 0 0	
By Physiology Institute (Ditto)	21,842 14 10	
By Pharmacology Institute (Expended to date)	5,429 18 8	213,272 13 6
By Suspense Account, Sculpture Studios (to be provided out of Receipts of subsequent years) as per last year's Balance Sheet	243 19 9	
Less amount written off (Income and Expenditure Account)	100 0 0	143 19 9
By College Investments at cost (the approximate valuation of the day being £14,387 0*s.* 7*d.*)*		
Maintenance Fund :—		
Consols 2½ per cent.	7,569 0 9	
London County Council 3½ per cent. Stock	6,448 3 6	
	14,017 4 3	
Lady Goldsmid Fund :—		
Bank of England Stock	3,053 11 1	17,070 15 4
By Gower Street Houses.		
Cost as at August 31st, 1895	.....	4,500 0 0
By Refectory Department, Plant, etc.	.....	422 4 10
By Electric Rewiring and Heating.		
Rewiring	21 3 10	
Heating	44 0 0	65 3 10
By Sundry Outstanding Accounts.		
Loan to Refectory	251 18 9	
Pension Fund	27 4 4	
Sundry Debtors	362 5 5	641 8 6
By Purchase of All Saints' Church (for conversion into Great Hall)	.....	5,900 0 0
By Deposits with Bankers.		
General Account	15 0 0	
Drapers' Company Fund	449 8 2	
Mocatta Memorial Library Fund	77 6 5	
Superannuation and Pension Fund Suspense Account	2,014 1 4	2,555 15 11
By Cash at Bank	835 17 10	
,, in transit	905 15 8	
,, in hand	125 4 2	1,866 17 8
		£246,438 19 4

* In addition the College receives for the same purpose from the Bawden Trustees the Income upon £16,000 (see page 2 under Interest and Dividends).

accounts and vouchers relating thereto; and, subject to the accompanying the Bank Balances and the Investments.

G. WALTER KNOX, B.Sc., F.C.A., *Auditor to the University.*

UNIVERSITY OF LONDON,

Dr. PENSION FUND BALANCE

LIABILITIES.

	£ s. d.	£ s. d.
To BENEFICIARIES' AND COLLEGE CONTRIBUTIONS ACCOUNTS :—		
Amount brought forward August 31st, 1912	6,093 1 7	
Contributions to August 31st, 1913	1,449 13 4	
Interest on Ditto Ditto	178 12 6	
	7,721 7 5	
Less Prof. Sir Wm. Ramsay's Contributions Accounts.....	565 16 1	
		7,155 11 4
To AUGMENTATION ACCOUNT :—		
Balance August 31st, 1911	.....	119 19 7
To SUNDRY CREDITORS:—		
The College :—		
Expenses paid or incurred on behalf of the Fund	.....	27 4 4
		£7,302 15 3

I have audited the above Accounts and Balance thereto; and, subject to the accompanying Report,

16 Finsbury Circus, London, E.C.
December 16th, 1913.

UNIVERSITY COLLEGE.

SHEET, AUGUST 31ST, 1913. *Cr.*

ASSETS.

	£	s.	d.
By The Commercial Union Assurance Company ..... (funds in their hands at this date.)	7,302	15	3
	£7,302	15	3

Sheet with the books, accounts and vouchers relating
certify them as being in accordance therewith.

G. WALTER KNOX, B.Sc., F.C.A., *Auditor to the University.*

UNIVERSITY OF LONDON,

Dr. TRUST FUNDS BALANCE

LIABILITIES AND CAPITAL.

To COLLEGE TRUST FUNDS CAPITAL ACCOUNT.	£	s.	d.	£	s.	d.
Balance August 31st, 1912	278,078	2	10			
Add Sundry Dividends Invested (Transferred from Income and Expenditure Account)	658	16	0			
Rosa Morison Fund	5,499	5	11			
do. do. Scholarship Fund	2,000	0	0			
				286,236	4	9
To COLLEGE TRUST FUNDS INCOME AND EXPENDITURE ACCOUNT.						
Balance August 31st, 1913, being the sum of the Balances at that date				1,326	2	0
				£287,562	6	9

I have audited the above Accounts and Balance Sheet with the books, Report, certify them as being in accordance therewith. I have verified

16 Finsbury Circus, London, E.C.
December 16th, 1913.

UNIVERSITY COLLEGE.

SHEET, AUGUST 31ST, 1913. *Cr.*

ASSETS.

	£	*s.*	*d.*
By COLLEGE TRUST FUNDS AS PER SCHEDULE OF INVESTED FUNDS ANNEXED, AT COST (the approximate valuation of the day being £244,040 0*s.* 10*d.*)	286,236	4	9
By AMOUNT owing by College (see General Balance Sheet, page 94)	1,326	2	0
	£287,562	6	9

accounts and vouchers relating thereto; and, subject to the accompanying
the Bank Balances and the Investments.

G. WALTER KNOX, B.SC., F.C.A., *Auditor to the University.*

UNIVERSITY OF LONDON, UNIVERSITY COLLEGE.

INVESTED FUNDS. August 31st, 1913.

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.	27.	28.	29.	30.	31.	32.	33.	34.	35.	36.	37.	38.	39.	40.	41.
	Consols 2½ %.	Bank of England Stock.	Guaranteed 2½ % (Irish Land Act, 1903.)	London County Council 3½ %.	Metropolitan 3 %.	Metropolitan 3½ %.	India 3½ %.	Belfast Corporation 3½ % Stock Redeemable.	Birmingham Corporation 3 %.	Bristol Corporation 3½ %. Redeemable.	Croydon Corporation 3 % Redeemable (1940–60).	Liverpool Corporation 3½ %.	Nottingham Corporation 3 % Irredeemable.	Swansea Corporation 3 %.	Scinde Railway Annuity B.	Portsmouth Corporation 2½ % Redeemable.	Sheffield Corporation 3½ % Stock Redeemable.	Canadian Pacific Railway Company Preference Stock.	Cardiff Railway 3% Debenture.	East Indian Railway Annuity B.	Great Central Railway 4 % Debenture Stock.	Great Eastern Railway 4 %.	Great Indian Peninsula Railway Annuity B.	Great Northern Ry. 4 % Perpetual Guaranteed Stock.	Great Western Railway.	Hammersmith & City Ry. Consolidated Stock.	Lancashire and Yorkshire Ry. 3% Consolidated Pref.	London, Brighton & South Coast Railway 4½ % Debenture Stock.	London and North Western Railway.	London and South Western Railway.	Metrop. District Railway 6 % Debenture.	Midland Railway 2½ %.	North London Railway.	Railway Invest. Co. Limited 4 % Preferred.	South-Eastern Railway.	Calico Printers' Assoc. 4 % Perpetual 1st Mort. Debenture Stock.	Leeds Brewery 4 % Irredeemable Debenture.	Elmore's Trust Limited £1 Ordinary Shares.	Metropolitan Water Board 3% "A" Stock Redeemable.	United States Steel Corporation 5% Sinking Fund Gold Bonds Redeemable.	National Rail Road of Mexico Prior Lien 4½ % Gold Bonds.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£	£	£	£	£	£	£	£ s. d.	£	£	£	£	£	£	£	£ s. d.	£	£	£	£	£	£	£ s. d.		
*Maintenance Fund	7,946 6 10			6,600 15 7																																					
Lady Goldsmid Fund		1,202 3 9																																							
Andrews Scholarships						5,686 5 0																																					
Astor Professorships	21,149 18 11																																								
Barlow Lectureship	1,000 0 0																																								
Do. Accumulation of Dividends					19 19 9																																				
Bayliss																									1,100 (k)																
Berridge														9,933 1 7																											
Bucknill Scholarship													1,437 7 1			2,000																			2,000 (a) (i)			37½			
Campbell Clarke Scholarship																														1,500 (a)(r) 22 (a)(s)											
Celtic																																									
Cluff Memorial Prize																																									
Crabb Robinson (Flaxman)																																875 0 0 (f)									
De Moleyns	601 9 3																								1,800 (e) (j)				266 13 4 (a) (l)												
Derby Scholarship													1,987 10 6																												
Edwards Professorship																				57		2,451 (m)																			
Fielden Professor and Scholars																																			4,000 (e) (m)						
Foster, Carey, Prize				4 18 2														143																							
Geological Museum				306 15 3																																					
Goldsmid Professorships					3,290 3 8																																				
Goldsmid, Sir F. H., Bart.					14,826 8 2															297			267 2 0																	
Goodall Scholarship																																811 1 11 (f)									
Grant (Zoological Library)					2,201 8 0																																				
Griffith					10 13 10															67																100					
Grote Professorship																													7,423 6 8 (a) (l)												
Grove Scholarship							1,091 5 11	1,000																																		
Head Prize	199 3 11					50 0 0																																			
Heimann Medal																																									
Hobbes, John Oliver (Mrs. Craigie) Memorial Scholarship																																							$2,000	$500
Do. Accumulation of Dividends	30 9 6																																								
Hollier Scholarships	4,907 11 10																																								
Do. Examination	1,200 0 0																																								
Holme			12,400 0 0																																						
Hume Memorial Scholarships					180 8 0	1,247 17 0																																				
Do. Accumulation of Dividends					797 16 3	70 14 6																																				
Jessel Studentship	2,436 15 4																																								
Do. Accumulation of Dividends	189 8 5																																								
Jews' Commemoration Scholarship	1,000 0 0																																								
Do. Accumulation of Dividends				29 8 9		200 0 0																																				
Jodrell Physiology Professorship												7,562 13 11																													
Do. Zoology Professorship													7,220 4 4																												
Lewis, Bunnell, Prizes															454 9 11		512 15 3																								
Do. Accumulation of Dividends																	54 5 6																								
Library Deposits					88 13 0	127 2 4	90 9 3								1 2																											
Lloyd Scholarships				433 1 6																																					
Do. Accumulation of Dividends				39 1 11																																					
Malden Medal and Scholarship					276 8 3	470 6 10																																				
Do. Accumulation of Dividends					22 16 0																																				
Melvill Nettleship Prize																																					100				
Mill Scholarship					314 15 6																										333										
Do. Accumulation of Dividends					43 7 0																																				
Mocatta Library			1,455 16 6		1,285 1 3																																				
Morison, Rosa, Fund																														6,969 (a)(r)											
Do. Scholarship																																3,093 8 0 (f)									
Morley Medal													22 7 6																												
Morris Bursary					35 9 5																									470 (b)(g)										
Do. Accumulation of Dividends																														34 (b)(g)										
Morris Prize					100 17 8																																				
Murray Scholarship																																278 0 2 (f)									
Newmarch Lectureship																																			1,524						
Peel	1,745 15 1					1,480 16 6																																			
Peene																																								
Pender Professorship		1,381 15 0																						50																
Postgate					62 9 0																																				
Do. Accumulation of Dividends					12 12 6																																				
Quain	5,590 2 11		1,368 12 4																	8,320		1,000		588 19 11	3,375	2,000 (e) (h)	4,000														
Quain Law Professorship				66 10 9										1,107 9 7													3,333														
Retired Professors	1,301 3 9			196 5 10	2,608 5 11								1,154 1 2												2,100 (e) (j)															
Do. Accumulation of Dividends				308 16 7	989 9 7																																				
Ricardo Scholarship						594 19 5																																			
Do. Accumulation of Dividends				73 10 5		701 18 8																																			
Rothschild, Hester & L. M. (Halfon) Prizes																																							1,657 0 5		
Do. Accumulation of Dividends																																							79 4 8		
Rothschild, Mayer de, Exhibition																							66 15 6																		
Schäfer Memorial Prize					205 1 2																		48 1 9																		
Sharpey Scholarship			566 16 0		129 0 6																																				
Slade Prizes							2,108 9 3																									1,942 8 0 (f)									
Do. Accumulation of Dividends							44 3 8																																		
Slade Professorship							6,620 2 8																																		
Slade Scholarships							9,135 4 1																																		
Thompson-Yates																													700											
Tuffnell Scholarships							5,153 9 9																																		
Do. Accumulation of Dividends							88 7 4																																		
Ware Bursary					100 17 8																																				
Watson, Ellen, Scholarship					248 7 3		347 16 6																																		
Do. Accumulation of Dividends							22 1 10																																		
West Scholarship					68 13 3																				600 (e) (j)																
Women's History		72 2 4																																	5,402 (n)						
Yates Archæology Professorship																													3,842 0 (n) 375 0 (c) (m)					1,000 (o)						
Do. Geology Professorship																																									
Do. Do. Do.																																									
	49,298 5 9	2,656 1 1	15,791 4 10	8,059 4 9	27,979 2 7	10,630 0 3	31,921 14 7	1,000	1,107 9 7	454 9 11	567 0 9	7,562 13 11	4,601 6 3	9,933 1 7	1 2	2,000	50	143	8,320	421	1,000	2,451	970 19 2	3,375	7,600	4,000	3,333	700	11,907	11,661	333	20,989 18 1	6,402	1,524	9,000	100	100	37 10	1,736 5 1	$2,000	$500

* In addition the College receives for the same purpose from the Bawden Trustees the Income upon £10,000.

(a) 3 %. (b) 3½ %. (c) 4 %. (d) 4½ %. (e) 5 %. (f) Debenture Stock. (g) Preference Stock. (h) Rent Charge Stock. (j) Consolidated Guaranteed Stock. (k) Consolidated Ordinary Stock.
(l) Perpetual Debenture Stock. (m) Consolidated Preference Stock. (n) Consolidated Stock. (o) Preferential Consolidated Stock. (p) Perpetual Guaranteed Preferential Stock. (r) Consolidated Debenture Stock. (s) Debenture Stock "A."

Standing at a Book value of £256,293 4s. 9d., the approximate valuation of the day being £244,040 0s. 10d.

Standing at a Book value of £718,887 0s. 7d., the approximate valuation of the day being £715,000 0s. 0d.

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December 16th, 1913.

G. WALTER KNOX, B.Sc., F.C.A., *Auditor to the University.*